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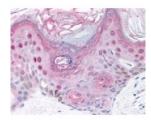
HIGH PERFORMANCE ANTIBODIES ... AND MORE

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## **BMP2K Antibody**

CATALOG NUMBER: 49-644



Immunohistochemistry staining of BMP2K in skin tissue using BMP2K Antibody.

Specifications     SPECIES REACTIVITY:   Human     TESTED APPLICATIONS:   ELISA, IHC     APPLICATIONS:   ELISA, IHC     APPLICATIONS:   BMP2K antibody can be used in ELISA starting at 1:20000 - 1:80000, Western Blot starting at 1:1000 - 1:3000, immunohistochemistry starting at 2.5 ug/mL, and immunofluorescence.     USER NOTE:   Optimal dilutions for each application to be determined by the researcher.     IMMUNOGEN:   BMP2K antibody was raised against amino acids 274-291 of BMP2K (Human).     HOST SPECIES:   Rabbit     Properties   Properties     PURIFICATION:   Protein G Column     PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 'C and short term (weeks) at 4 'C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   ALTERNATE NAMES:     ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     GENEI D:		
TESTED APPLICATIONS:   ELISA, IHC     APPLICATIONS:   BMP2K antibody can be used in ELISA starting at 1:2000 - 1:8000, Western Blot starting at 1:1000 - 1:3000, immunohistochemistry starting at 2.5 ug/mL, and immunofluorescence.     USER NOTE:   Optimal dilutions for each application to be determined by the researcher.     IMMUNOGEN:   BMP2K antibody was raised against amino acids 274-291 of BMP2K (Human).     HOST SPECIES:   Rabbit     Properties   Protein G Column     PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 'C and short term (weeks) at 4 'C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   Additional Info     ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     GENE ID:   55589	Specifications	
APPLICATIONS:   BMP2K antibody can be used in ELISA starting at 1:2000 - 1:3000, immunohistochemistry starting at 2:5 ug/mL, and immunofluorescence.     USER NOTE:   Optimal dilutions for each application to be determined by the researcher.     IMMUNOGEN:   BMP2K antibody was raised against amino acids 274-291 of BMP2K (Human).     HOST SPECIES:   Rabbit     Properties   Protein G Column     PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   Additional String at 1:2000.     ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     GENE ID:   55589	SPECIES REACTIVITY:	Human
Immunohistochemistry starting at 2.5 ug/mL, and immunofluorescence.     USER NOTE:   Optimal dilutions for each application to be determined by the researcher.     IMMUNOGEN:   BMP2K antibody was raised against amino acids 274-291 of BMP2K (Human).     HOST SPECIES:   Rabbit     Properties   Properties     PURIFICATION:   Protein G Column     PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 'C and short term (weeks) at 4 'C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   AttERNATE NAMES:     ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     PROTEIN GI NO:   34222653     OFFICIAL SYMBOL:   BMP2K	TESTED APPLICATIONS:	ELISA, IHC
USER NOTE:   Optimal dilutions for each application to be determined by the researcher.     IMMUNOGEN:   BMP2K antibody was raised against amino acids 274-291 of BMP2K (Human).     HOST SPECIES:   Rabbit     Properties   Purplication Social S	APPLICATIONS:	BMP2K antibody can be used in ELISA starting at 1:20000 - 1:80000, Western Blot starting at 1:1000 - 1:3000,
Immunogen:   BMP2K antibody was raised against amino acids 274-291 of BMP2K (Human).     HOST SPECIES:   Babbit     Properties   Properties     PURIFICATION:   Protein G Column     PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   Additional Section (Section (Sect		immunohistochemistry starting at 2.5 ug/mL, and immunofluorescence.
HOST SPECIES:   Rabbit     Properties   PURIFICATION:     PURIFICATION:   Protein G Column     PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   ALTERNATE NAMES:     BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO:   Q9NSY1     PROTEIN GI NO:   34222653     OFFICIAL SYMBOL:   BMP2K	USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
Properties     PURIFICATION:   Protein G Column     PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     BMP2K   BMP2K	IMMUNOGEN:	BMP2K antibody was raised against amino acids 274-291 of BMP2K (Human).
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PURIFICATION:   Protein G Column     PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     BMP2K   BMP2K     GENE ID:   55589		
PHYSICAL STATE:   Liquid     BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   HP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     BMP2K   BMP2K	Properties	
BUFFER:   PBS, 0.05% sodium azide.     STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   Inconjugated     ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     BMP2K   BMP2K	PURIFICATION:	Protein G Column
STORAGE CONDITIONS:   BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   HTERNATE NAMES:     BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     BMP2K   BMP2K	PHYSICAL STATE:	Liquid
antibodies avoid freeze/thaw cycles.     CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     BMP2K   S589	BUFFER:	PBS, 0.05% sodium azide.
CLONALITY:   Polyclonal     CONJUGATE:   Unconjugated     Additional Info   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     BMP2K   S5589	STORAGE CONDITIONS:	BMP2K antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all
CONJUGATE:   Unconjugated     Additional Info		antibodies avoid freeze/thaw cycles.
Additional Info     ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     GENE ID:   55589	CLONALITY:	Polyclonal
ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     GENE ID:   55589	CONJUGATE:	Unconjugated
ALTERNATE NAMES:   BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     GENE ID:   55589		
Bike kinase     ACCESSION NO.:   Q9NSY1     PROTEIN GI NO.:   34222653     OFFICIAL SYMBOL:   BMP2K     GENE ID:   55589	Additional Info	
ACCESSION NO.:     Q9NSY1       PROTEIN GI NO.:     34222653       OFFICIAL SYMBOL:     BMP2K       GENE ID:     55589	ALTERNATE NAMES:	
PROTEIN GI NO.:     34222653       OFFICIAL SYMBOL:     BMP2K       GENE ID:     55589		
OFFICIAL SYMBOL: BMP2K   GENE ID: 55589	ACCESSION NO.:	Q9NSY1
GENE ID: 55589	PROTEIN GI NO.:	34222653
	OFFICIAL SYMBOL:	BMP2K
Background	GENE ID:	55589
Background		
	Background	

BACKGROUND:

BIKE is a NAK serine/threonine protein kinase that mediates osteoblast differentiation. The protein contains a N-

terminal serine/threonine kinase domain, a C-terminal bipartite nuclear localization signal and a glutamine-rich region that may function in protein-protein interactions. At least two mRNA transcript variants, resulting from alternative splicing at the BIKE locus, have been reported.

## FOR RESEARCH USE ONLY

December 13, 2016