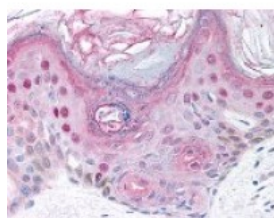




## BMP2K Antibody

CATALOG NUMBER: 49-644



Immunohistochemistry staining of BMP2K  
in skin tissue using BMP2K Antibody.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, IHC
<b>APPLICATIONS:</b>	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.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>IMMUNOGEN:</b>	BMP2K antibody was raised against amino acids 274-291 of BMP2K (Human).
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Protein G Column
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS, 0.05% sodium azide.
<b>STORAGE CONDITIONS:</b>	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.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	BMP2K, BMP2 inducible kinase, BIKE, BMP-2-inducible protein kinase, BMP-2 inducible kinase, HRIHFB2017, Bike kinase
<b>ACCESSION NO.:</b>	Q9NSY1
<b>PROTEIN GI NO.:</b>	34222653
<b>OFFICIAL SYMBOL:</b>	BMP2K
<b>GENE ID:</b>	55589

### Background

<b>BACKGROUND:</b>	BIKE is a NAK serine/threonine protein kinase that mediates osteoblast differentiation. The protein contains a N-
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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.

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**FOR RESEARCH USE ONLY**

December 13, 2016