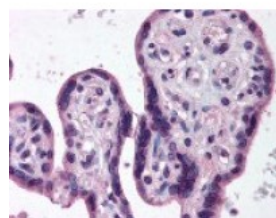




IKBKB Antibody

CATALOG NUMBER: 49-587



Immunohistochemistry staining of IKBKB
in placenta tissue using IKBKB Antibody.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, IF, IHC, IP, WB
APPLICATIONS:	IKBKB antibody can be used in immunohistochemistry starting at 5 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	IKKb peptide corresponding to the highly conserved C-terminus region of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Delipidation and Defibrination
PHYSICAL STATE:	Liquid
BUFFER:	0.01% sodium azide.
STORAGE CONDITIONS:	Store IKBKB antibody at 4 °C or -20 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	IKBKB, Ikk 2, IKK-B, IKK2, IKKbeta, NFKB1KB, I-kappa-B kinase 2, IKKB, I-kappa-B-kinase beta, Ikb kinase-beta, IKK Beta, IKK-beta
ACCESSION NO.:	O14920
PROTEIN GI NO.:	14285497
OFFICIAL SYMBOL:	IKBKB
GENE ID:	3551

Background

BACKGROUND:	NFkB comprises a family of cellular transcription factors that are involved in the inducible expression of a variety of cellular genes that regulate the inflammatory response and control of cell death. In the cytoplasm NFkB is
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negatively modulated by the inhibitory proteins I κ B. In turn I κ B is phosphorylated by a cellular kinase complex called IKK. IKK is a heterodimer composed of two kinases: IKK- α and IKK- β that phosphorylate I κ B leading to its degradation and the resulting translocation of NF κ B to the nucleus. IKK kinase activity is modulated negatively by pharmaceutical agents such as aspirin and positively by various cellular components such as TNF- α , endotoxins and overexpression of cellular kinases like MEKK1. Aspirin appears to have its effect by inhibiting the binding of ATP to IKK.

FOR RESEARCH USE ONLY

December 13, 2016