



Catalog: OM281782

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# IKBKB Antibody

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☐ 100ug

## Product profile

Product name	IKBKB Antibody
Antibody Type	Primary Antibodies
Product description	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 negatively modulated by the inhibitory proteins Ikb. In turn Ikb is phosphorylated by a cellular kinase complex called IKK. IKK is a heterodimer composed of two kinases: IKK-a and IKK-b that phosphorylate Ikb leading to its degradation and the resulting translocation of NFkB to the nucleus. IKK kinase activity is modulated negatively by pharmaceutical agents such as aspirin and positively by various cellular components such as TNF- $\alpha$ , endotoxins and overexpression of cellular kinases like MEKK1. Aspirin appears to have its effect by inhibiting the binding of ATP to IKK.
Immunogen	IKKb peptide corresponding to the highly conserved C-terminus region of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).

## Key Feature

Clonality	Polyclonal
Host Species	Rabbit
Tested Applications	ELISA ,IF ,IHC ,IP ,WB
Species Reactivity	Human Mouse Rat
Concentration	1 mg/ml
Purification	Affinity purified

## Target Information

Gene Symbol	IKBKB
Alternative 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

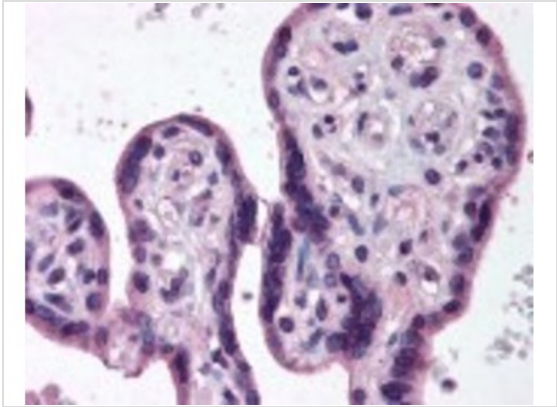
## Database Links

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Entrez Gene	3551
Protein Accession	O14920

## Application

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**Application**  
Immunohistochemistry staining of IKBKB in placenta tissue using IKBKB Antibody.

Application Notes	IKBKB antibody can be used in immunohistochemistry starting at 5 µg/mL.:
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## Additional Information

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Form	Liquid
Storage Instructions	Store IKBKB antibody at 4 °C or -20 °C. As with all antibodies avoid freeze/thaw cycles.
Storage Buffer	0.01% sodium azide.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

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order@Omnimabs.com  
506 N. GARFIELD AVE #210 ALHAMBRA, CA 91801  
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt