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Datasheet for ABIN3022876

anti-IKBKB antibody (AA 630-730)

10 Images

2 Publications

Overview

Quantity:	100 µL
Target:	IKBKB
Binding Specificity:	AA 630-730
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 630-730 of human IKKbeta (NP_001547.1).
Sequence:	EEVSLMNED EKTVVRLQEK RQKELWNLLK IACSKVRGPV SGSPDSMNAS RLSQPGQLMS QPSTASNSLP EPAKKSEELV AEAHNLCTLL ENAIQDTVRE Q
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	IKBKB
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Target Details

Alternative Name:	IKBKB (IKBKB Products)
Background:	The protein encoded by this gene phosphorylates the inhibitor in the inhibitor/NF-kappa-B complex, causing dissociation of the inhibitor and activation of NF-kappa-B. The encoded protein itself is found in a complex of proteins. Several transcript variants, some protein-coding and some not, have been found for this gene.,IKBKB,IKK-beta,IKK2,IKKB,IMD15,NFKB1KB,IKK beta,Signal Transduction,Kinase,Serine/threonine kinases,Cell Biology & Developmental Biology,Apoptosis,Inhibition of Apoptosis,Death Receptor Signaling Pathway,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Immunology & Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,NF-kB Signaling Pathway,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,Cardiovascular,IKBKB
Molecular Weight:	29 kDa/79 kDa/85 kDa/86 kDa
Gene ID:	3551
UniProt:	O14920
Pathways:	NF-kappaB Signaling , RTK Signaling , TCR Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Production of Molecular Mediator of Immune Response , Hepatitis C , Toll-Like Receptors Cascades , BCR Signaling , Ubiquitin Proteasome Pathway , S100 Proteins

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C

Handling

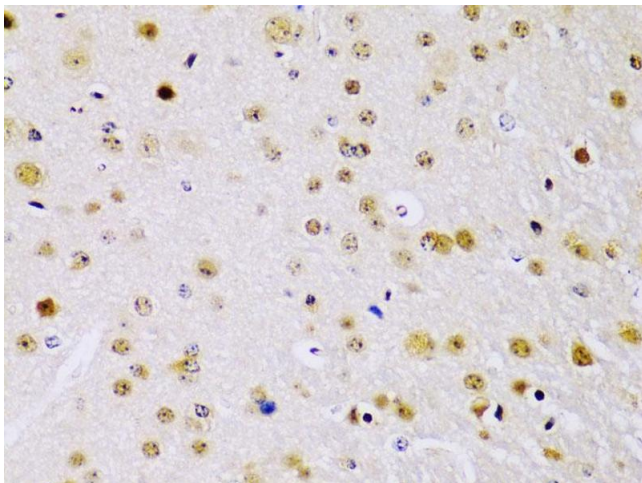
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in: Zheng, Zhou, Zhang, Thu, Xie, Lu, Pang, Xue, Xu, Chen, Chen, Li, Xu: "Anhydroicaritin improves diet-induced obesity and hyperlipidemia and alleviates insulin resistance by suppressing SREBPs activation." in: **Biochemical pharmacology**, Vol. 122, pp. 42-61, (2017) ([PubMed](#)).

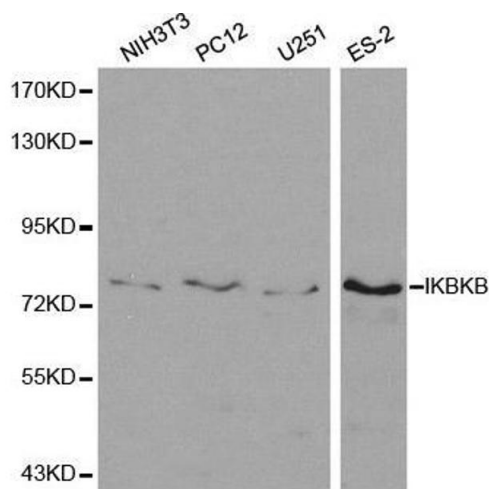
Guo, Hu, Chen, Li, Ye, Cheng, Zhang, He: "iTRAQ-based comparative proteomic analysis of Vero cells infected with virulent and CV777 vaccine strain-like strains of porcine epidemic diarrhea virus." in: **Journal of proteomics**, Vol. 130, pp. 65-75, (2016) ([PubMed](#)).

Images



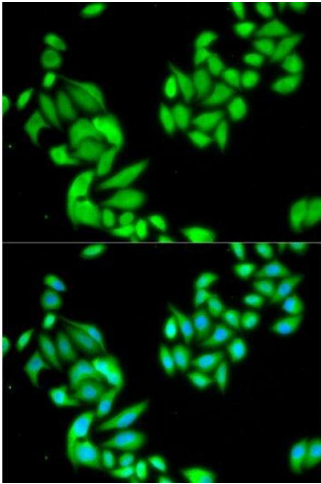
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse brain using IKK β antibody (ABIN3022875, ABIN3022876, ABIN3022877 and ABIN6219275) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using IKK β antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cell using IKBKB antibody. Blue: DAPI for nuclear staining

Please check the [product details page](#) for more images. Overall 10 images are available for ABIN3022876.