

Datasheet for ABIN6142280
anti-IKBKB antibody (AA 517-756)



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2 Images

Overview

Quantity:	100 µL
Target:	IKBKB
Binding Specificity:	AA 517-756
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 517-756 of human IKKbeta (NP_001547.1).
Sequence:	MEQAVELCGR ENEVKLLVER MMALQTDIVD LQRSPMGRKQ GGTLDDLEEQ ARELYRRLRE KPRDQRTEGD SQEMVRLLLQ AIQSFEKKVR VIYTQLSKTV VCKQKALELL PKVEEVVSLM NEDEKTVVRL QEKRQKELWN LLKIACSKVR GPVSGSPDSM NASRLSQPGQ LMSQPSTASN SLPEPAKKSE ELVAEAHNLC TLLENAIQDT VREQDQSFTA LDWSWLQTEE EEHSCLEQAS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	IKBKB
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
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

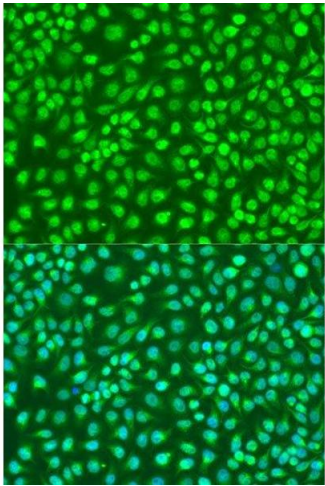
Handling

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

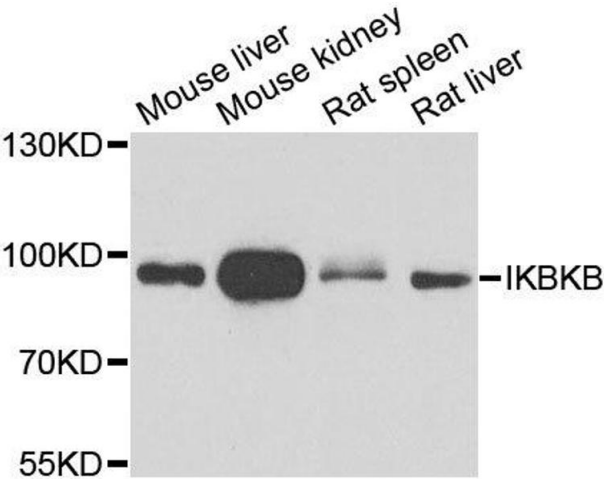
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using IKBKB antibody.



Western Blotting

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