

Datasheet for ABIN516984
anti-IKBKB antibody (AA 1-256)



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2 Images

Overview

Quantity:	100 µg
Target:	IKBKB
Binding Specificity:	AA 1-256
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKBKB antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human IKBKB protein.
Immunogen:	IKBKB (AAH06231.1, 1 a.a. ~ 256 a.a) full-length human protein.
Sequence:	MSWSPSLTTQ TCGAWEMKER LGTGGFGNVI RWHNQETGEQ IAIKQCRQEL SPRNRERWCL EIQIMRRLTH PNVVAARDVP EGMQNLAPND LPLLAMEYCQ GGDLRKYLNQ FENCCGLREG AILTLLSDIA SALRYLHENR IIHRDLKPEN IVLQQGEQRL IHKIIDLGYA KELDQGSLSCT SFVGTLQYLA PELLEQQKYT VTDYWSFGT LAFECITGFR PFLPNWQPVQ CVRMWPGTVA HSCNPSTLGG RGRWIS
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	IKBKB
Alternative Name:	IKBKB (IKBKB Products)
Background:	Full Gene Name: inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta Synonyms: FLJ40509,IKK-beta,IKK2,IKKB,MGC131801,NFKB1KB
Gene ID:	3551
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

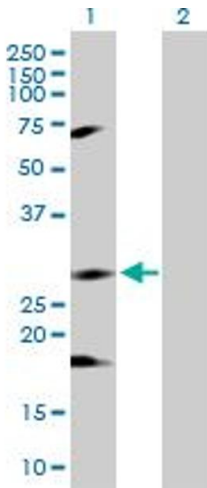
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

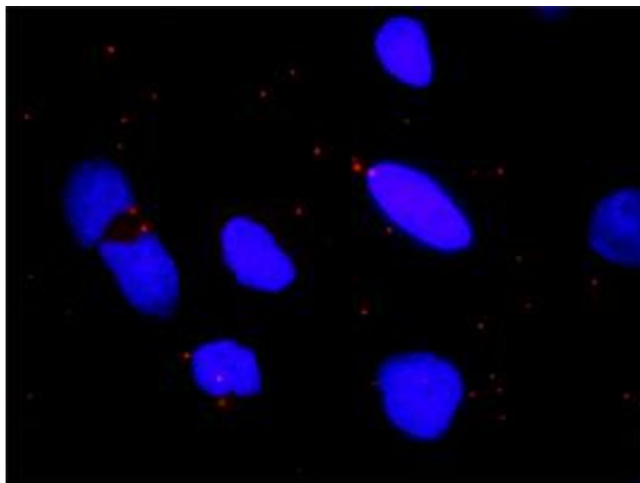


Western Blotting

Image 1. Western Blot analysis of IKBKB expression in transfected 293T cell line by IKBKB MaxPab polyclonal antibody.

Lane 1: IKBKB transfected lysate(29.20 kDa).

Lane 2: Non-transfected lysate.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between IKBKB and CHUK. HeLa cells were stained with anti- IKBKB rabbit purified polyclonal 1:1200 and anti-CHUK mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).