

Rabbit anti-Human, Mouse BIK Polyclonal Antibody | anti-BIK antibody

BIK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322408	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

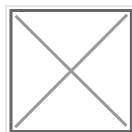
PRODUCT SYNONYMS

BIK; Polyclonal Antibody; BIK Antibody; Apoptosis inducer NBK; BBC1; Bcl-2-interacting killer; BCL2 interacting killer; bhikhari; Bik-like killer protein; BIK_HUMAN; BIP 1; BiP1; BP 4; BP4; cb 60; NBK; anti-BIK antibody

PRODUCT SPECIFICATIONS

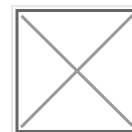
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	BIK antibody detects endogenous levels of total BIK
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	160
Applicable Applications for anti-BIK antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human BIK
Subcellular Location	Endomembrane System. Around the nuclear envelope, and in cytoplasmic membranes.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of BIK expression in A549 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemisry)

AAA322408 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA322408 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IF (Immunofluorescence)

AAA322408 staining Jurkat cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BIK antibody

Description: The protein encoded by this gene is known to interact with cellular and viral survival-promoting proteins, such as BCL2 and the Epstein-Barr virus in order to enhance programmed cell death. Because its activity is suppressed in the presence of survival-promoting proteins, this protein is suggested as a likely target for antiapoptotic proteins.

Function: Accelerates programmed cell death. Association to the apoptosis repressors Bcl-X(L), BHRF1, Bcl-2 or its adenovirus homolog E1B 19k protein suppresses this death-promoting activity. Does not interact with BAX.

Subunit Structure: Interacts with RHBDL4/RHBDD1.

Post-translational Modifications: Proteolytically cleaved by RHBDL4/RHBDD1. RHBDL4/RHBDD1-induced cleavage is a necessary step prior its degradation by the proteosome-dependent mechanism.

Similarity: Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502411
NCBI GeneID	638
NCBI Accession #	NP_001188.1
NCBI GenBank Nucleotide #	NM_001197.4
UniProt Accession #	Q13323; Q16582; Q6FH93
Molecular Weight	Observed: 23 kDa Predicted: 19 kDa
NCBI Official Full Name	bcl-2-interacting killer
NCBI Official Synonym Full Names	BCL2 interacting killer
NCBI Official Symbol	BIK
NCBI Official Synonym Symbols	BP4; NBK; BIP1
NCBI Protein Information	bcl-2-interacting killer
UniProt Protein Name	Bcl-2-interacting killer
UniProt Gene Name	BIK
UniProt Synonym Gene Names	NBK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bik-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322408>