

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

Bik Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302274	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

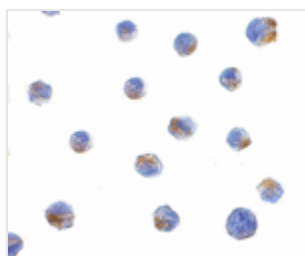
PRODUCT SYNONYMS

Bik; Polyclonal Antibody; Bik Antibody; Bcl-2-interacting killer; apoptosis inducer NBK; anti-Bik antibody

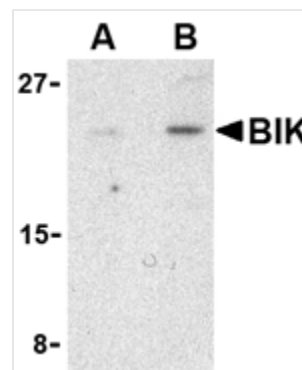
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	160
Applicable Applications for anti-Bik antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide from near the amino terminus of human BIK.
Target Name	Bik
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of BIK in Jurkat cells with BIK antibody at 1 ug/mL.


WB (Western Blot)

Western blot analysis of BIK in Jurkat cell lysate with BIK antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Bik antibody	Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells and is caused by the activation of proteolytic enzymes termed caspases. Proteins that comprise the Bcl-2 family appear to control the activation of these enzymes. One such protein BIK was recently identified as an endoplasmic reticulum (ER)-residing pro-apoptotic member of the Bcl-2 homology domain-3 (BH3)-only group of the Bcl-2 family that stimulates mitochondrial release of cytochrome c following p53 induction of apoptosis. A significant fraction of BIK is found as an ER transmembrane protein, with most of the protein facing the cytosol. Restricting BIK to the ER membrane by replacing the transmembrane region with that of the ER-selective membrane anchor of cytochrome b resulted in a decreased cytochrome c release from mitochondria and a corresponding drop in cell death. Recent evidence suggests that BIK cooperates with NOXA, another BH3-only protein, to somehow enhance the activation of Bax to stimulate the rapid release of cytochrome c from mitochondria.
Product Categories/Family for anti-Bik antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678311
NCBI GeneID	638
UniProt Accession #	Q13323; Q16582; Q6FH93
Molecular Weight	18,016 Da
NCBI Official Full Name	BIK
NCBI Official Synonym Full Names	BCL2-interacting killer (apoptosis-inducing)
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
UniProt Entry Name	BIK_HUMAN

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-western-blot-elisa/302274>