

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

Anti-BIK Antibody, Rabbit Polyclonal

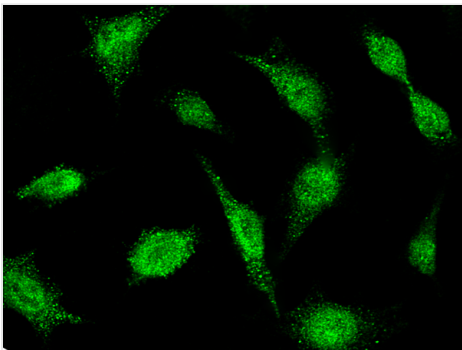
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254599	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

BIK; Polyclonal Antibody; Anti-BIK Antibody; Rabbit Polyclonal; BIK Antibody; Rabbit PAb; Antigen Affinity Purified; BCL2-interacting killer (apoptosis-inducing); Anti-BIP1 Antibody; Anti-BP4 Antibody; Anti-NBK Antibody; anti-BIK antibody

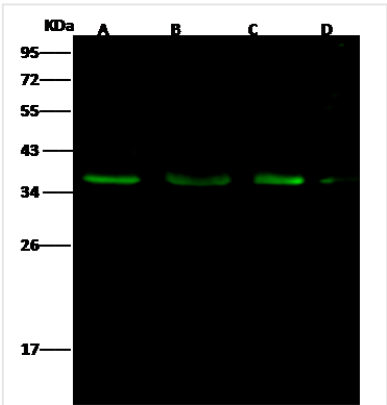
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human BIK
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-BIK antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human BIK
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human BIK, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IF (Immunofluorescence)

Immunofluorescence staining of BIK in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human BIK polyclonal antibody (dilution ratio: 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



WB (Western Blot)

Anti-BIK rabbit polyclonal antibody at 1:500 dilution Lane A: A549 Whole Cell Lysate Lane B: Jurakt Whole Cell Lysate Lane C: HepG2 Whole Cell Lysate Lane D: A431 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 39 kDa Observed band size: 37 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-BIK antibody	The BIN1 protein, which is encoded by the BIN1 gene, belongs to Myc-interacting protein family which is one of the nucleocytoplasmic adaptor proteins. The BIN1 protein can interact with the functionally critically Myc-box region at the N-terminal of the Myc oncoprotein, with a feature of tumor suppressor. Myc family proteins promote proliferation, growth, and apoptosis and, when deregulated, are profoundly involved in the genesis of an extraordinarily wide range of cancers. Although BIN1 is expressed in many normal cells, its levels were greatly reduced or undetectable in 14/27 carcinoma cell lines and 3/6 primary breast tumours. Deficits were functionally Although BIN1 is expressed in many normal cells, its levels were greatly reduced or undetectable in 14/27 carcinoma cell lines and 3/6 primary breast tumours. Deficits were functionally significant because ectopic expression of BIN1 inhibited the growth of tumour cells lacking endogenous message. We conclude that BIN1 is an MYC-interacting protein with features of a tumour suppressor.
References	Boyd J.M., et al., (1995), Bik, a novel death-inducing protein shares a distinct sequence motif with Bcl-2 family proteins and interacts with viral and cellular survival-promoting proteins. Oncogene 11:1921-1928. Han J., et al., (1996), Induction of apoptosis by human Nbk/Bik, a BH3-containing protein that interacts with E1B 19K. Mol. Cell. Biol. 16:5857-5864. Hegde R., et al., (1998), Bik, a BH3-containing mouse protein that interacts with Bcl-2 and Bcl-xL, is a potent death agonist. J. Biol. Chem. 273:7783-7786.

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	18,016 Da
NCBI Official Full Name	bcl-2-interacting killer
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; apoptosis inducer NBK; apoptosis-inducing NBK

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-immunofluorescence-immunocytochemistry-western-blot-elisa/254599>