

Rabbit BIK Polyclonal Antibody | anti-BIK antibody

Polyclonal Antibody to BIK

CATALOG # AAA78317	HOST Rabbit	REACTIVITY Gerbil, Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Immunohistochemistry, Western Blot
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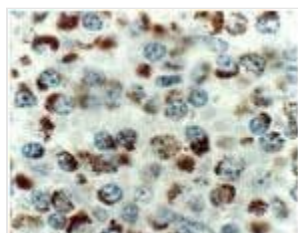
PRODUCT SYNONYMS

BIK; Polyclonal Antibody; Polyclonal Antibody to BIK; NBK; Apoptosis inducer NBK; BIP1; BP4; Antibody to BIK; Anti-BIK Antibody; BIK Antibody; anti-BIK antibody

PRODUCT SPECIFICATIONS

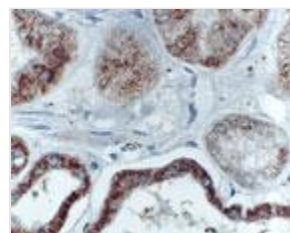
Host	Rabbit
Reactivity	Gerbil, Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	160
Applicable Applications for anti-BIK antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Information	A full-length recombinant protein of human BIK protein was used as immunogen for this antibody
Antigen	BIK
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed, paraffin-embedded tissue section of human Non-Hodgkin's lymphoma (NHL) stained for Bik expression using at 1: 2000. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)

Fig: 1 Formalin-fixed, paraffin-embedded tissue section of human kidney stained for Bik expression using at 1: 2000. A high level of Bik signal was seen in the distal collecting tubules, the glomeruli are primarily negative. Hematoxylin-eosin counterstain.

ADDITIONAL INFORMATION

Related Product Information for anti-BIK antibody	The Bcl-2 family of apoptosis-related genes plays central roles in regulating apoptotic pathways (reviewed in Thomadaki and Scorilas, 2006). Regulation of cell death through apoptosis is critical for the maintenance of homeostasis, defense against infectious agents, and normal development. Bcl-2 family proteins regulate apoptosis primarily through the regulation of mitochondrial outer membrane permeability. In mammals, the family consists of both prosurvival (antiapoptotic) and proapoptotic (prodeath) members. Cellular homeostasis is thought to be dependent on a balance between the actions of prosurvival and proapoptotic proteins. Bcl-2 family proteins can be divided into 3 main subfamilies on the basis of their function and the content of their Bcl-2 homology (BH) domains, for example: 1) Prosurvival: Bcl-2, Bcl-XL, Bcl-W, A1, and Mcl-1 2) Proapoptotic (multidomain): Bax, Bak, and Bok. 3) BH3-only (proapoptotic): Bad, Bcl-XS, Bid, Bik, Bim, Blk, Bmf, Bnip, Noxa, and Puma. Prosurvival members inhibit cells from undergoing apoptosis, whereas proapoptotic and BH3-only subfamily members promote apoptosis. There are 4 BH domains (1-4) conserved among Bcl-2 family proteins. The BH domains are important for function as well as for heterodimerization between family members. Typical prosurvival family members have all four BH domains (1-4), whereas proapoptotic (multidomain) members have BH1, 2 and 3 domains and BH3-only members have only the BH3 domain. Overall, the relative ratio of prosurvival and proapoptotic proteins determines the susceptibility of a cell to various apoptotic stimuli. Many Bcl-2 family proteins are differentially expressed in various malignancies and some are useful prognostic biomarkers. Prosurvival proteins are often elevated in diverse cancers and have the potential to confer resistance to both endogenous cell death stimuli and cancer treatments. Alterations in the ratio or levels of Bcl-2 family proteins have been also associated with nonmalignant diseases including neurodegenerative diseases, autoimmune diseases, AIDs, Down's syndrome, cardiovascular diseases, diabetes, glomerulonephritis, and muscular dystrophy. Human Bik is a 160 amino acid protein.
Product Categories/Family for anti-BIK antibody	Antibodies ; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	2493284
NCBI GeneID	638
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
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-immunoprecipitation-immunohistochemistry-western-blot-elisa/78317>