

Rabbit anti-Human, mouse Bik BH3 Domain Polyclonal Antibody | anti-BIK antibody

Bik BH3 Domain Antibody

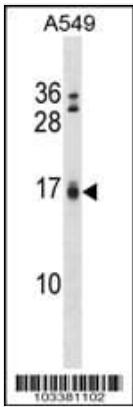
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287012	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

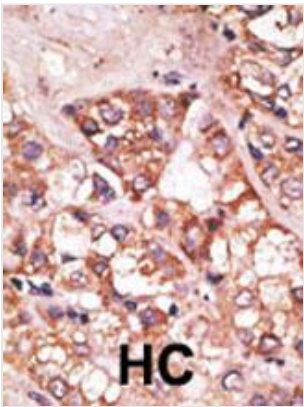
Bik BH3 Domain; Polyclonal Antibody; Bik BH3 Domain Antibody; Bcl-2-interacting killer; Apoptosis inducer NBK; BIP1; BP4; BIK; NBK; anti-BIK antibody

PRODUCT SPECIFICATIONS

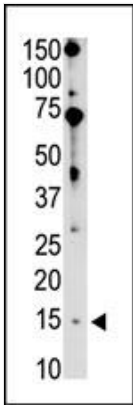
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Bik BH3 Domain antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-74 amino acids from human Bik BH3 Domain.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	39-74
Sequence Length	160
Applicable Applications for anti-BIK antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Bik Antibody (BH3) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the Bik antibody detected the Bik protein (arrow).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-Bik BH3 domain Pab is used in Western blot to detect Bik BH3 in mouse brain tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-BIK antibody	The Bik protein 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. This protein shares a critical BH3 domain with other death-promoting proteins, BAX and BAK.
Product Categories/Family for anti-BIK antibody	Cell Biology
References	Arena, V., et al., Genes Chromosomes Cancer 38(1):91-96 (2003). Gillissen, B., et al., EMBO J. 22(14):3580-3590 (2003). Germain, M., et al., J. Biol. Chem. 277(20):18053-18060 (2002). Zou, Y., et al., Cancer Res. 62(1):8-12 (2002). Castells, A., et al., Gastroenterology 117(4):831-837 (1999).

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	18016
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
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-bh3-domain-antibody-immunohistochemistry-western-blot-elisa/287012>