10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Bik Rabbit pAb

Catalog # AP99506

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q13323
Other Accession	Q13323
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18016
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Bik
Epitope Specificity	35-130/160
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 programed 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.

Additional Information

Gene ID	638
Other Names	BIP1; BP4; NBK; Biklk; Blk; BIK_HUMAN; BIK; Apoptosis inducer NBK; BIK_MOUSE; Bik-like killer protein; BCL2 interacting killer; BCL2-interacting killer (apoptosis-inducing); natural born killer
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	BIK {ECO:0000303|PubMed:7478623, ECO:0000312|HGNC:HGNC:1051}
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.
Cellular Location	Endomembrane system; Single-pass membrane protein. Mitochondrion membrane {ECO:0000250|UniProtKB:O70337}; Single-pass membrane protein. Note=Around the nuclear envelope, and in cytoplasmic membranes.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.