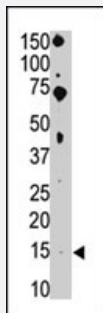


BIK polyclonal antibody

Catalog # PAB2449

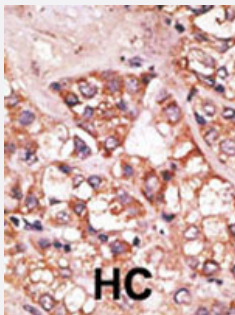
Size 400 uL

Applications



Western Blot (Tissue lysate)

The BIK polyclonal antibody (Cat # PAB2449) is used in Western blot to detect BIK in mouse brain tissue lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with the BIK polyclonal antibody (Cat # PAB2449), 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. HC = hepatocarcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BIK.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human BIK.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — BIK

Entrez GeneID	638
Protein Accession#	NP_001188:Q13323
Gene Name	BIK
Gene Alias	BIP1, BP4, NBK
Gene Description	BCL2-interacting killer (apoptosis-inducing)
Omim ID	603392
Gene Ontology	Hyperlink
Gene Summary	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 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. [provided by RefSeq]
Other Designations	BCL2-interacting killer OTTHUMP00000028974 apoptosis-inducing NBK

Publication Reference

- [The interaction of Piasy with Trim32, an E3-ubiquitin ligase mutated in limb-girdle muscular dystrophy type 2H, promotes Piasy degradation and regulates UVB-induced keratinocyte apoptosis through NFkappaB.](#)

Albor A, El-Hizawi S, Horn EJ, Laederich M, Frosk P, Wrogemann K, Kulesz-Martin M.

The Journal of Biological Chemistry 2006 Jun; 281(35):25850.

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