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Anti-BIK (pS35) Antibody

Rabbit polyclonal antibody to BIK (pS35)
Catalog # AP61097

Product Information

Application	WB, IHC
Primary Accession	Q13323
Other Accession	O70337
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18016

Additional Information

Gene ID	638
Other Names	NBK; Bcl-2-interacting killer; Apoptosis inducer NBK; BIP1; BP4
Target/Specificity	Recognizes endogenous levels of BIK (pS35) protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/100) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

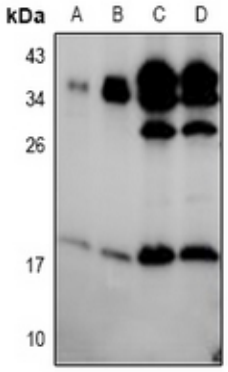
Protein Information

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.

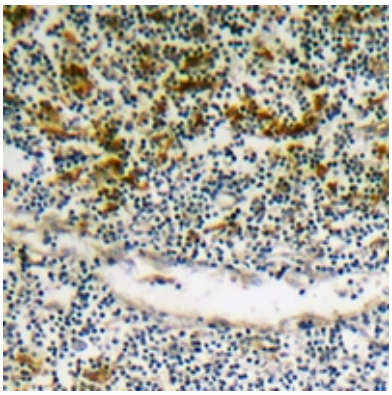
Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BIK. The exact sequence is proprietary.

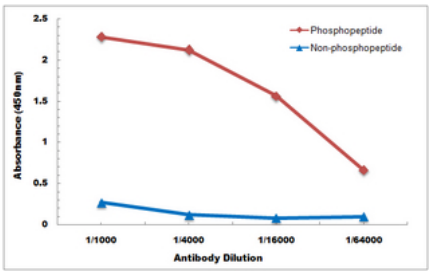
Images



Western blot analysis of BIK (pS35) expression in mouse embryo (A), rat ovary (B), HEK293T-EGF (C), HEK293T (D) whole cell lysates.



Immunohistochemical analysis of BIK (pS35) staining in human lymph node formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Direct ELISA antibody dose-response curve using Anti-BIK (pS35) Antibody. Antigen (phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.