Bim rabbit pAb

Cat#: orb764646 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	Bim rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human BIM. AA range:1-50
Specificity	Bim Polyclonal Antibody detects endogenous levels of Bim protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Bcl-2-like protein 11
Gene Name	BCL2L11
Cellular localization	Endomembrane system ; Peripheral membrane protein . Associated with intracytoplasmic membranes. .; [Isoform BimEL]: Mitochondrion. Translocates from microtubules to mitochondria on loss of cell adherence.; [Isoform BimL]: Mitochondrion.; [Isoform BimS]: Mitochondrion.; [Isoform Bim-alpha1]: Mitochondrion.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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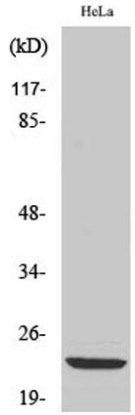
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	22kD
Human Gene ID	10018
Human Swiss-Prot Number	O43521
Alternative Names	BCL2L11; BIM; Bcl-2-like protein 11; Bcl2-L-11; Bcl2-interacting mediator of cell death
Background	The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The protein encoded by this gene contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family and to act as an apoptotic activator. The expression of this gene can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role of this gene in neuronal and lymphocyte apoptosis. Transgenic studies of the mouse counterpart suggested that this gene functions as an essential initiator of apoptosis in thymocyte-negative selection. Several alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq, Jun 2013],



Western Blot analysis of various cells using Bim Polyclonal Antibody

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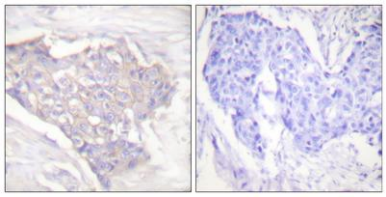
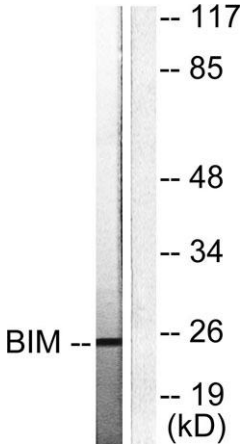


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using BIM Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using BIM Antibody. The lane on the right is blocked with the synthesized peptide.

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