

Bim Antibody

Rabbit mAb

Catalog # AP90347

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	O43521
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	BAM; BIM; BOD; BimL; BimS; BimEL; BIM-beta6; BIM-beta7; BIM-alpha6;BCL2L11;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	22171

Additional Information

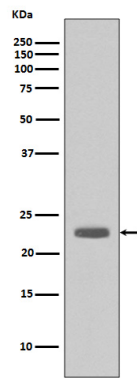
Dilution	WB 1:500~1:1000 IHC 1:50~1:100 ICC/IF 1:50~1:100 IP 1:40 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Bim
Description	Bim a pro-apoptotic member of the BCL-2 protein family. Interacts with other members of the BCL-2 protein family, including BCL2, BCL2L1/BCL-X(L), and MCL1, and act as an apoptotic activator. Its expression can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role in neuronal and lymphocyte apoptosis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	BCL2L11
Synonyms	BIM
Function	Induces apoptosis and anoikis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce apoptosis, although less potent than isoform BimEL, isoform BimL and isoform BimS. Isoform Bim-gamma induces apoptosis. Isoform Bim-alpha3 induces apoptosis possibly through a caspase- mediated pathway. Isoform BimAC and isoform BimABC lack the ability to induce apoptosis.
Cellular Location	Endomembrane system; Peripheral membrane protein. Note=Associated with intracytoplasmic membranes. [Isoform BimL]: Mitochondrion. [Isoform Bim-alpha1]: Mitochondrion.

Tissue Location	Isoform BimEL, isoform BimL and isoform BimS are the predominant isoforms and are widely expressed with tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.
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Images



Western blot analysis of Bim expression in A431 cell lysate.

Image not found : 202311/AP90347-IHC.jpg	Immunohistochemical analysis of paraffin-embedded human cervix cancer, using Bim Antibody.
Image not found : 202311/AP90347-IF.jpg	Immunofluorescent analysis of Raji cells, using Bim Antibody.

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