

Bim Antibody

Rabbit mAb Catalog # AP90347

Specification

Bim Antibody - Product Information

Application WB, IHC, ICC, IP

Primary Accession O43521
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 Da

Bim Antibody - Additional Information

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.

Bim Antibody - 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.



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Cellular Location

Endomembrane system; Peripheral membrane protein. Note=Associated with intracytoplasmic membranes. [Isoform BimL]: Mitochondrion. [Isoform Bim-alpha1]: Mitochondrion.

Tissue Location

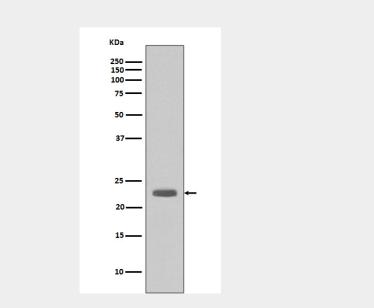
Isoform BimEL, isoform BimL and isoform BimS are the predominant isoforms and are widely expressed with tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.

Bim Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Bim Antibody - Images



Western blot analysis of Bim expression in A431 cell lysate.