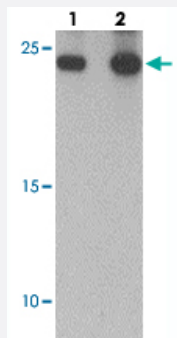


BCL2L11 polyclonal antibody

Catalog # PAB27448

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of BCL2L11 in K-562 cell lysate with BCL2L11 polyclonal antibody (Cat # PAB27448) at (lane 1) 1 and (lane 2) 2 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BCL2L11.
Immunogen	A synthetic peptide corresponding to 15 amino acids at N-terminus of human BCL2L11.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	BCL2L11 antibody is human and mouse reactive. Multiple isoforms of Bim are known to exist; this antibody only detects the BCL2L11 isoform.
Form	Liquid
Purification	Peptide affinity purification
Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Western Blot (1-2 ug/mL) Immunocytochemistry (2.5 ug/mL) Immunofluorescence (2.5 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. 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 (Cell lysate)

Western blot analysis of BCL2L11 in K-562 cell lysate with BCL2L11 polyclonal antibody (Cat # PAB27448) at (lane 1) 1 and (lane 2) 2 ug/mL.

- Immunocytochemistry

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BCL2L11

Entrez GeneID	10018
Protein Accession#	NP_619527
Gene Name	BCL2L11
Gene Alias	BAM, BIM, BIM-alpha6, BIM-beta6, BIM-beta7, BOD, BimEL, BimL
Gene Description	BCL2-like 11 (apoptosis facilitator)
Omim ID	603827
Gene Ontology	Hyperlink

Gene Summary

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, including BCL2, BCL2L1/BCL-X(L), and MCL1, 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 FOXO1, 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]

Other Designations

BCL2-like 11|bcl-2 interacting mediator of cell death|bcl-2 interacting protein Bim|bcl-2-related ovarian death agonist

Disease

- [Adenocarcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
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