BCL2L11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BCL2L11, Polyclonal Antibody
Full Product Name	BCL2L11 (Center) Rabbit pAb
Product Gene Name	anti-BCL2L11 antibody
Product Synonym Names	BAM; BIM; BOD
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.09% (W/V) Sodium Azide, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	22; 16; 13; 19; 12; 9; 10; 14; 23; 22; 16; 13; 22; 16; 13; 11kDa
OMIM	603827
3D Structure	ModBase 3D Structure for O43521
Immunogen	This BCL2L11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-160 amino acids from the central region of human BCL2L11.
Cellular Localization	Membrane, Mitochondrion
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-BCL2L11 antibody	Western Blot (WB), Immunohistochemistry (IHC) Paraffin, Flow Cytometry (FC/FACS)
Application Notes for anti-BCL2L11 antibody	WB: 1:1000 IHC-P: 1:25 FC/FACS: 1:10-50
Related Product Information for anti-BCL2L11 antibody	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.
Other Notes	Small volumes of anti-BCL2L11 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BCL2L11 purchase	MBS8558852 is an antibody targeting BCL2L11. Also known as BCL2L11 (Center) Rabbit pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BCL2L11. It may not necessarily be applicable to this product.

NCBI GI #	323362959

NCBI GeneID	10018
NCBI Accession #	NP_001191035.1
UniProt Primary Accession #	O43521
UniProt Related Accession #	O43521
GenBank Nucleotide #	NP_001191035.1
NCBI Official Full Name	bcl-2-like protein 11 isoform 11
NCBI Official Synonym Full Names	BCL2 like 11
NCBI Official Symbol	BCL2L11
NCBI Official Synonym Symbols	BAM; BIM; BOD
UniProt Protein Name	Bcl-2-like protein 11
UniProt Synonym Protein Names	Bcl2-interacting mediator of cell death
Protein Family	Bcl-2-like protein
UniProt Gene Name	BCL2L11
UniProt Synonym Gene Names	BIM; Bcl2-L-11
UniProt Entry Name	B2L11_HUMAN
NCBI Protein Information	bcl-2-like protein 11
NCBI Summary for BCL2L11	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]
UniProt Comments for BCL2L11	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. Transgenic studies in the mouse suggested that this protein functions as an essential initiator of the apoptosis in thymocyte-negative selection. Nineteen alternatively spliced transcript variants of this gene have been reported. Protein type: Apoptosis Chromosomal Location of Human Ortholog: 2q13 Cellular Component: microtubule; mitochondrial outer membrane; extrinsic to membrane; endomembrane system; cytosol Molecular Function: protein binding; microtubule binding Biological Process: nerve growth factor receptor signaling pathway; positive regulation of apoptosis; apoptosis; cell-matrix adhesion; pigmentation during development; myeloid cell homeostasis; ear development; positive regulation of caspase activity; B cell apoptosis; cellular process regulating host cell cycle in response to virus; positive regulation of apoptosis by virus; mammary gland development; B cell homeostasis; positive regulation of neuron apoptosis; T cell homeostasis; kidney development; post-embryonic organ morphogenesis; caspase activation; spleen development; thymus development; in utero embryonic development; positive regulation of protein homooligomerization; male gonad development; positive regulation of cell cycle; regulation of organ growth; lumen formation; odontogenesis of dentine-containing teeth; DNA damage response, signal transduction resulting in induction of apoptosis; regulation of pigmentation during development; spermatogenesis; brain development

Research Articles on BCL2L11	**1.** miR-339-5p promotes proliferation and survival of Stem Cell Leukemia/Lymphoma Syndrome cells through downregulation of the BCL2L11 and BAX pro-apoptotic genes
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