



Bim (Phospho Thr56/116) Rabbit pAb

Catalog No	YP-Ab-17144
Isotype	IgG
Reactivity	Human, Mouse,Rat
Applications	IHC,WB
Gene Name	BCL2L11 BIM
Immunogen	Synthesized peptide derived from human Bim (Phospho Thr56/116)
Specificity	This antibody detects endogenous levels of Bim (Phospho Thr56/116) Rabbit pAb at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Rabbit,polyclonal
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000 IHC 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BCL2 like 11;B2L11_HUMAN;BAM;Bcl 2 interacting protein Bim;Bcl 2 related ovarian death agonist;Bcl-2-like protein 11;BCL2 interacting mediator of cell death;BCL2 like 11 (apoptosis facilitator);BCL2 like protein 11;Bcl2-interacting mediator of cell death;Bcl2-L-11;Bcl2l11;BIM alpha6;BIM;BIM beta6;BIM beta7; BimEL;BimL;BOD;BCL2L11 BIM;Bcl-2-like protein 11 (Bcl2-L-11) (Bcl2-interacting mediator of cell death)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	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.
Tissue Specificity	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.



Function

domain: The BH3 motif is required for Bcl-2 binding and cytotoxicity.,
function: Induces apoptosis. Isoform BimL is more potent than isoform BimEL.
Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce
apoptosis, although less potent than the isoforms BimEL, BimL and BimS.
Isoform Bim-gamma induces apoptosis., similarity: Belongs to the Bcl-2 family.,
subcellular location: Associated with intracytoplasmic membranes., subunit: Forms
heterodimers with a number of antiapoptotic Bcl-2 proteins including MCL1,
BCL2, BCL2L1 isoform Bcl-X(L), BCL2A1/BFL-1, and BHRF1. Does not
heterodimerize with proapoptotic proteins such as BAD, BOK, BAX or BAK.,
tissue specificity: Isoform BimEL, isoform BimL and isoform BimS are the
predominant isoforms and are ubiquitously expressed with a tissue-specific
variation. Isoform Bim-gamma is most abundantly expressed in small intestine
and colon, and in lowe

Background

BCL2 like 11(BCL2L11) Homo sapiens 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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For
more information, please consult technical personnel.

Products Images



Western Blot analysis of 1 Jurkat cell, 2 Serum-free
treated, using primary antibody at 1:1000
dilution. Secondary antibody (catalog#: RS23920) was
diluted at 1:10000