

Datasheet for ABIN687277
anti-BIM antibody (AA 51-150)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	BIM (BCL2L11)
Binding Specificity:	AA 51-150
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human of human Bim
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	BIM (BCL2L11)
Alternative Name:	Bim/BCL2L11 (BCL2L11 Products)

Target Details

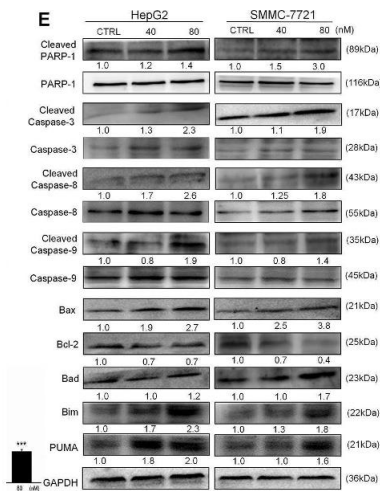
Background:	<p>Synonyms: BAM, BIM, BOD, Bcl-2-like protein 11, Bcl2-L-11, Bcl2-interacting mediator of cell death, BCL2L11</p> <p>Background: Induces apoptosis and anoikis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce apoptosis, 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.</p>
Gene ID:	10018
UniProt:	O43521
Pathways:	PI3K-Akt Signaling , Neurotrophin Signaling Pathway , Tube Formation , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p>
Restrictions:	For Research Use only

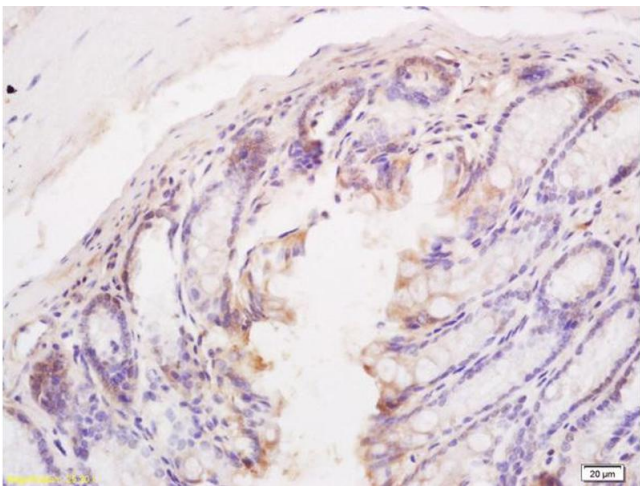
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Western Blotting

Image 1. Erianin induced mitochondrial apoptosis in liver cancer cells. Erianin (A) increased intracellular reactive oxygen species (ROS) production and (C) decreased the mitochondrial membrane potential (20x magnification, scale bar: 50 μ m). Qualitative data are expressed as (B) the green fluorescence intensity and (D) the ratio of red to green fluorescence intensity. Data are expressed as percentages relative to the corresponding control cells and mean \pm SD (n = 6). *P < 0.05, **P < 0.01 and ***P < 0.001 vs control cells. (E) Erianin significantly enhanced the ratio of cleaved PARP/PARP, cleaved caspase-3/caspase-3, cleaved caspase-8/caspase-8 and cleaved caspase-9/ caspase-9, and the expression levels of Bax, Bad, Bim and PUMA, and reduced the expression levels of Bcl-2 in HepG2 and SMMC-7721 cells. Quantitative protein expression data were normalized to GAPDH expression levels in the corresponding samples. The marked average changes of proteins were expressed as folds relative to the corresponding control cells (n = 6). - figure provided by CiteAb. Source: PMID31754081



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse intestine tissue labeled with Anti BIM/BCL2L11 Polyclonal Antibody, Unconjugated (ABIN687277) at 1:200 followed by conjugation to the secondary antibody and DAB staining