Datasheet for ABIN265330

anti-BIM antibody

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Overview

Quantity:	0.1 mg
Target:	BIM (BCL2L11)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of Bcl-2-like 11 / BIM-α/β protein (region surrounding Ala2).
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen
Purity:	> 95 % pure by SDS-PAGE

Target Details

Target:	BIM (BCL2L11)
Abstract:	BCL2L11 Products

Target Details

Background:	Pro-apototic Bcl-2 family members promote cell death by neutralizing their anti-apoptotic relatives, which otherwise maintain cell viability by regulating caspase activity. Bim belongs to the BH3-only subgroup of Bcl-2 related proteins and exists in three distinct isoforms, BimS (short), BimL (long) and BimEL (extra long). ERK1/2 phosphorylates BimEL, resulting in rapid degradation of the isoform via the proteasome pathway. At least three sites for ERK1/2 phosphorylation exist on BimEL, whereas ERK1/2 does not effect BimS or BimL, implying a unique role for BimEL in cell survival signaling.Synonyms: BCL2L11, BIM, Bcl2-L-11, Bcl2-interacting mediator of cell death, BimEL, BimL, BimS
Molecular Weight:	approx. 25 kDa
Gene ID:	10018
NCBI Accession:	NP_001191035
UniProt:	O43521
Pathways:	PI3K-Akt Signaling, Neurotrophin Signaling Pathway, Tube Formation, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	ELISA: 1: 20000approx. 1: 40000. WB: 1: 500approx. 1: 1000. IHC: 1: 50approx. 1: 200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.2, 0.05 % Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

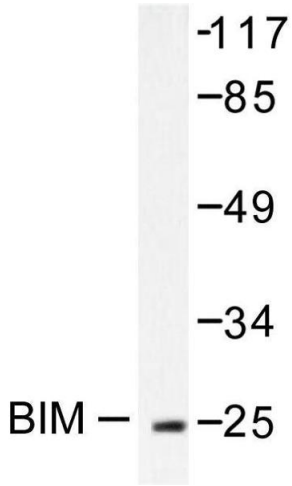

Image 1.

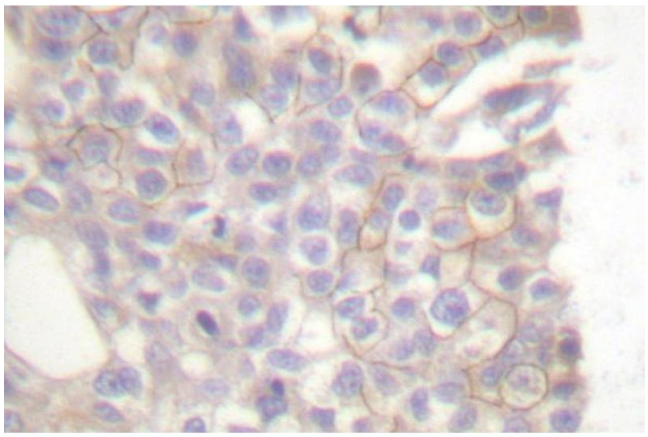

Image 2.