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Anti-BIM Antibody

Rabbit polyclonal antibody to BIM
Catalog # AP59787

Product Information

Application	WB, IHC
Primary Accession	O43521
Other Accession	O54918
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine, Drosophila
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22171

Additional Information

Gene ID	10018
Other Names	BIM; Bcl-2-like protein 11; Bcl2-L-11; Bcl2-interacting mediator of cell death
Target/Specificity	Recognizes endogenous levels of BIM protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

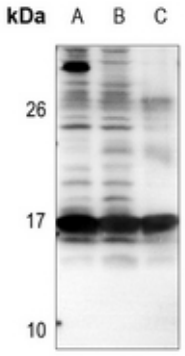
Name	BCL2L11
Synonyms	BIM
Function	Induces apoptosis and anoikis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce apoptosis, although less potent than isoform BimEL, isoform BimL and isoform BimS. Isoform Bim-gamma induces apoptosis. Isoform Bim-alpha3 induces apoptosis possibly through a caspase- mediated pathway. Isoform BimAC and isoform BimABC lack the ability to induce apoptosis.
Cellular Location	Endomembrane system; Peripheral membrane protein. Note=Associated with intracytoplasmic membranes. [Isoform BimL]: Mitochondrion. [Isoform Bim-alpha1]: Mitochondrion. Isoform BimEL, isoform BimL and isoform BimS are the predominant

Tissue Location	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.

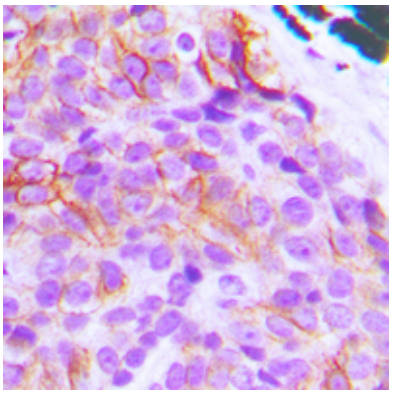
Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BIM. The exact sequence is proprietary.

Images



Western blot analysis of BIM expression in HCT116 (A), HEK293T (B), SHSY5Y (C) whole cell lysates.



Immunohistochemical analysis of BIM staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.