

**Anti-BIM Antibody**  
**Rabbit polyclonal antibody to BIM**  
**Catalog # AP59787****Specification**

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**Anti-BIM Antibody - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">O43521</a>
Other Accession	<a href="#">O54918</a>
Reactivity	<b>Human, Mouse, Rat, Rabbit, Pig, Bovine, Dog</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>22171</b>

**Anti-BIM Antibody - 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), IH (1/100 - 1/200)

IHC~~1:100~500

**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

**Anti-BIM Antibody - 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.

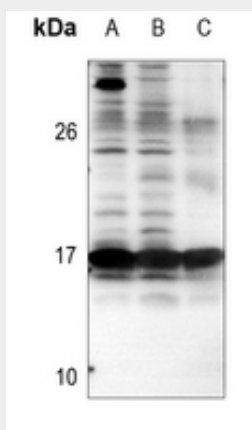
**Tissue Location**

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.

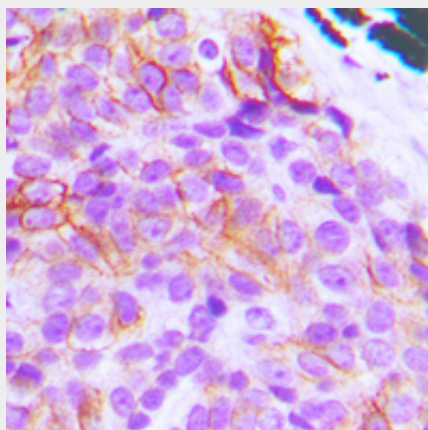
**Anti-BIM Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-BIM Antibody - 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.

**Anti-BIM Antibody - Background**

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