

## Goat Anti-BIM Antibody

Peptide-affinity purified goat antibody Catalog # AF1154a

## Specification

# **Goat Anti-BIM Antibody - Product Information**

Application Primary Accession Other Accession Reactivity Host Clonality Concentration Isotype Calculated MW WB, E <u>O43521</u> <u>NP\_619529</u>, <u>10018</u> Human Goat Polyclonal 100ug/200ul IgG 22171

## **Goat Anti-BIM Antibody - Additional Information**

Gene ID 10018

Other Names Bcl-2-like protein 11, Bcl2-L-11, Bcl2-interacting mediator of cell death, BCL2L11, BIM

Dilution WB~~1:1000 E~~N/A

Format

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage** Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** Goat Anti-BIM Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### **Goat 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

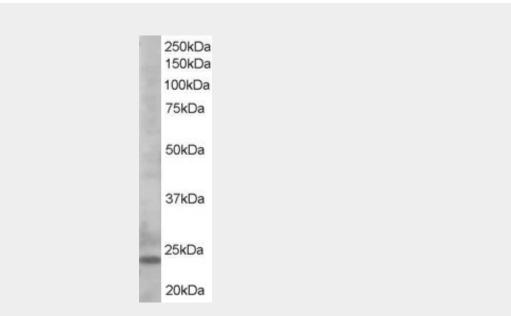
Isoform BimEL, isoform BimL and isoform BimS are the predominant isoforms and are widely expressed with tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.

#### **Goat Anti-BIM Antibody - Protocols**

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Goat Anti-BIM Antibody - Images



AF1154a staining (0.5  $\mu$ g/ml) of K562 lysate (RIPA buffer, 35  $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.