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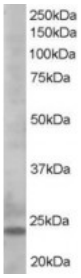
BIM Antibody

CATALOG NUMBER: 45-330



Western Blot staining (0.5ug/ml) of K562 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 23kDa band observed in K562 lysates (predicted MW of 18.5kDa according to NP_619528.1). Recommended for use at 0.5-2ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1204 - K562 Cell Lysate
SPECIFICITY:	This antibody is expected to recognise at least reported isoforms Bim-alpha1 (BimABCD), Bim-alpha2 (BimACD) and Bim-alpha3 (BimAD).
IMMUNOGEN:	BIM antibody was raised against an 11 amino acid synthetic peptide near the C-Terminus of BIM.
HOST SPECIES:	Goat

Properties

PURIFICATION:	BIM antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	BIM antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	BCL2L11, BAM, BIM, BOD, BCL2-like 11 (apoptosis facilitator), bcl-2 interacting protein Bim, bcl-2-related ovarian death agonist, bcl-2 interacting mediator of cell death
ACCESSION NO.:	NP_619528,NP_996886,NP_619529,
PROTEIN GI NO.:	20336317

OFFICIAL SYMBOL:	BCL2L11
GENE ID:	10018

Background

REFERENCES:	1) Marani M, Tenev T, Hancock D, Downward J, Lemoine NR. Identification of novel isoforms of the BH3 domain protein Bim which directly activate Bax to trigger apoptosis. Mol Cell Biol. 2002 Jun;22(11):3577-89.

FOR RESEARCH USE ONLY

December 13, 2016