

Goat anti-BIM Antibody

Item Number	dAP-0450
Target Molecule	Principle Name: BIM; Official Symbol: BCL2L11; All Names and Symbols: BCL2L11; BCL2-like 11 (apoptosis facilitator); BAM; BIM; BOD; bcl-2 interacting mediator of cell death; bcl-2 interacting protein Bim; bcl-2-like protein 11; bcl-2-related ovarian death agonist; bcl2-L-11; Bim-alpha1, Bim-alpha2, Bim-alpha3; Accession Number (s): NP_619528.1; NP_619529.1; NP_996886.1;; Human Gene ID(s): 10018; Non-Human GeneID(s):
Immunogen	FNAYYARRLEK, is from C Terminus This antibody is expected to recognise at least reported isoforms Bim-alpha1 (BimABCD), Bim-alpha2 (BimACD) and Bim-alpha3 (BimAD).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 23kDa band observed in K562 lysates (predicted MW of 18.5kDa according to NP_619528.1). Recommended for use at 0.5-2µg/ml.
IHC	
Reference	Reference(s): 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.. PMID: 11997495->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**