

Datasheet for ABIN2855009

anti-BID antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	BID
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BID antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Bid. The exact sequence is proprietary.
Isotype:	IgG
Specificity:	IP/MS validation was supported by references (PMID:30377376)
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to Bid (BH3 interacting domain death agonist) Bid antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	BID
Alternative Name:	BH3 interacting domain death agonist (BID Products)
Background:	<p>This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8), CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined.</p> <p>Cellular Localization: Cytoplasm , Mitochondrion membrane , BH3-interacting domain death agonist p15: Mitochondrion membrane , BH3-interacting domain death agonist p13: Mitochondrion membrane , Isoform 1: Cytoplasm , Isoform 3: Cytoplasm , Isoform 2: Mitochondrion membrane</p>
Molecular Weight:	22 kDa
Gene ID:	637
UniProt:	P55957
Pathways:	Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 1:1000-1:10000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 , 293T Validation: IP/MS, KO/KD
Restrictions:	For Research Use only

Handling

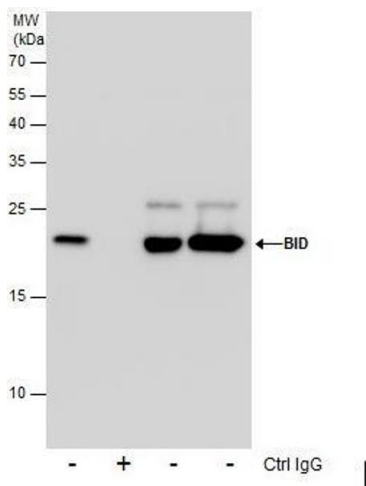
Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE

Handling

which should be handled by trained staff only.

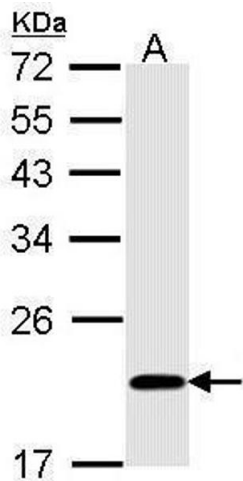
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



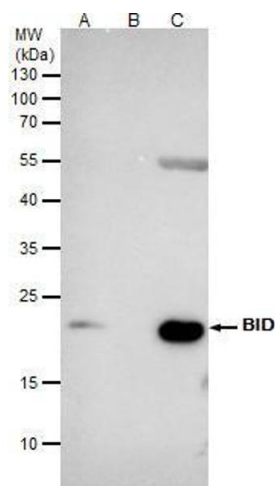
Immunoprecipitation

Image 1. IP Image Immunoprecipitation of Bid protein from Jurkat whole cell extracts using 5 µg of Bid antibody [N1C3] , or Bid antibody [N1C3-2], Western blot analysis was performed using Bid antibody [N1C3], EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: A431 , 12% SDS PAGE antibody diluted at 1:1000



Immunoprecipitation

Image 3. IP Image Bid antibody [N1C3] immunoprecipitates BID protein in IP experiments. IP samples: Jurkat whole cell extract A. 40 μ g Jurkat whole cell extract B. Control with 4 μ g of preimmune Rabbit IgG C. Immunoprecipitation of BID protein by 4 μ g Bid antibody [N1C3], 5 % SDS-PAGE The immunoprecipitated BID protein was detected by Bid antibody [N1C3], diluted at 1:500. [EasyBlot anti-rabbit IgG was used as a secondary reagent]