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Research Use Only. Not for diagnostic or therapeutic use.

EB06713-T - Goat Anti-BID Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: BID, BH3 interacting domain death agonist, HGNC:1050, MGC15319, MGC42355, BH3-interacting domain death agonist, Human BID coding sequence, apoptic death agonist, FP497, BID isoform ES(1b), BID isoform L(2), BID isoform Si6,

OTTHUMP00000196197, desmocollin type 4

Official Symbol: BID

Accession Number(s): NP_932070.1; NP_001187.1; NP_932071.1

Human GeneID(s): 637

Important Comments: This antibody is expected to recognise all three reported isoforms

(as represented by NP_932070.1; NP_001187.1; NP_932071.1)

Immunogen

Peptide with sequence C-TYVRSLARNGMD, from the C Terminus of the protein sequence according to NP_932070.1; NP_001187.1; NP_932071.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

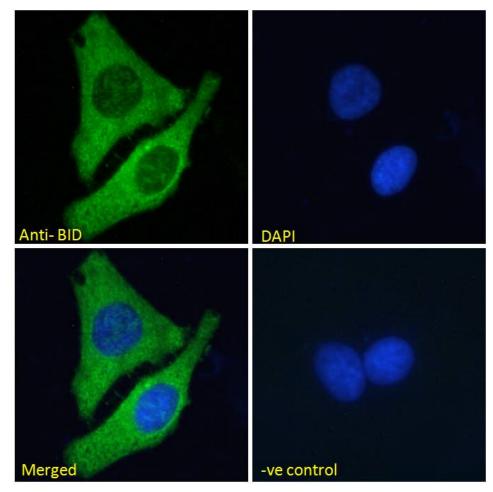
Western blot: Approx 26+24kDa bands observed in A431 cell lysates (calculated MW of 26.8kDa according to NP_932070.1 and 22.0kDa according to NP_001187.1). Recommended concentration: 0.1-0.3μg/ml. Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm of MCF7 cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06713 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

	250kDa 150kDa 100kDa 75kDa
	50kDa
	37kDa
bi	25kDa
	20kDa
	15kDa
	10kDa

 $EB06713 \ (0.1 \mu g/ml) \ staining \ of \ A431 \ lysate \ (35 \mu g \ protein \ in \ RIPA \ buffer). \ Detected \ by \ chemiluminescence.$