

Rabbit BID Polyclonal Antibody | anti-BID antibody

BID Antibody

CATALOG # AAA166868	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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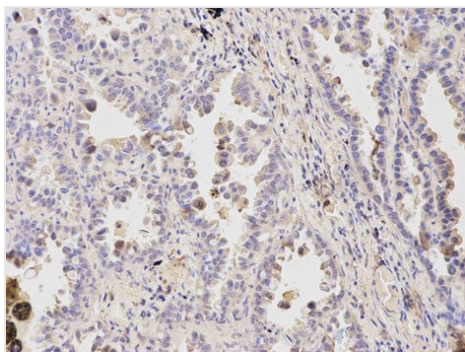
PRODUCT SYNONYMS

BID; Polyclonal Antibody; BID Antibody; FP497; MGC15319; MGC42355; anti-BID antibody

PRODUCT SPECIFICATIONS

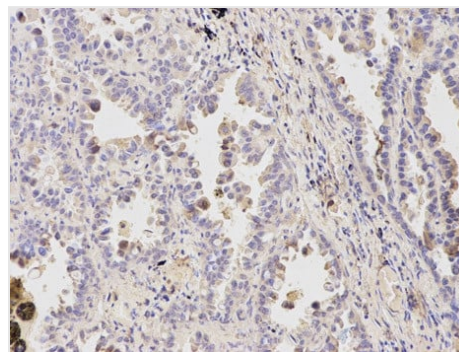
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	195
Applicable Applications for anti-BID antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human BID
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6539 / sc-6538 / sc-11423
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



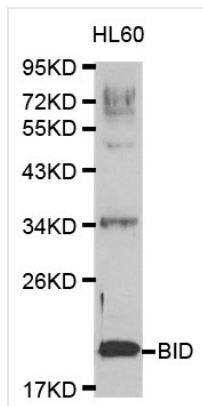
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using BID antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using BID antibody at dilution of 1:200 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of HL60 cell lines, using BID antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BID antibody

The BH3 domain-only protein, BID, a death agonist member of the Bcl-2/Bcl-xL family (1), is localized in the cytosolic fraction of cells as an inactive precursor (2, 3). Its active form is generated upon proteolytic cleavage by caspase-8 in the Fas signaling pathway. Cleaved BID translocates to mitochondria and induces cytochrome c release and mitochondrial damage (2-5). Thus, BID relays an apoptotic signal from the cell surface to mitochondria. However, the precise molecular mechanism for the translocation of the cleaved BID, and for the subsequent release of cytochrome c during apoptosis, is still unclear.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2493285
NCBI GeneID	637
Molecular Weight	11,263 Da
NCBI Official Full Name	BH3-interacting domain death agonist
NCBI Official Synonym Full Names	BH3 interacting domain death agonist
NCBI Official Symbol	BID
NCBI Official Synonym Symbols	FP497
NCBI Protein Information	BH3-interacting domain death agonist; BID isoform ES(1b); BID isoform L(2); BID isoform Si6; Human BID coding sequence; apoptic death agonist; desmocollin type 4; p22 BID
UniProt Protein Name	BH3-interacting domain death agonist
UniProt Gene Name	BID
UniProt Synonym Gene Names	BID
UniProt Entry Name	BID_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bid-antibody-immunohistochemistry-western-blot-elisa/166868>