

Goat Anti-BID Antibody
Peptide-affinity purified goat antibody
Catalog # AF1151a

Specification

Goat Anti-BID Antibody - Product Information

Application	WB, E
Primary Accession	P55957
Other Accession	NP_932071 , 637
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	21995

Goat Anti-BID Antibody - Additional Information

Gene ID 637

Other Names

BH3-interacting domain death agonist, p22 BID, BID, BH3-interacting domain death agonist p15, p15 BID, BH3-interacting domain death agonist p13, p13 BID, BH3-interacting domain death agonist p11, p11 BID, BID

Dilution

WB~~1:1000
E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-BID Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-BID Antibody - Protein Information

Name BID

Function

Induces caspases and apoptosis (PubMed: <http://www.uniprot.org/citations/14583606>)

target="_blank">14583606). Counters the protective effect of BCL2 (By similarity).

Cellular Location

Cytoplasm. Mitochondrion membrane. Mitochondrion outer membrane. Note=When uncleaved, it is predominantly cytoplasmic. [BH3-interacting domain death agonist p13]: Mitochondrion membrane {ECO:0000250|UniProtKB:P70444}. Note=Associated with the mitochondrial membrane. {ECO:0000250|UniProtKB:P70444} [Isoform 3]: Cytoplasm

Tissue Location

[Isoform 2]: Expressed in spleen, pancreas and placenta (at protein level). [Isoform 4]: Expressed in lung and pancreas (at protein level).

Goat Anti-BID Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-BID Antibody - Images



AF1151a (0.1 µg/ml) staining of A431 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-BID Antibody - Background

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.

Goat Anti-BID Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

A Large-scale genetic association study of esophageal adenocarcinoma risk. Liu CY, et al. Carcinogenesis, 2010 Jul. PMID 20453000.

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.

Activity of protein kinase CK2 uncouples Bid cleavage from caspase-8 activation. Hellwig CT, et al. J Cell Sci, 2010 May 1. PMID 20356928.

Akt activity protects rheumatoid synovial fibroblasts from Fas-induced apoptosis by inhibition of Bid cleavage. Garca S, et al. Arthritis Res Ther, 2010. PMID 20187936.