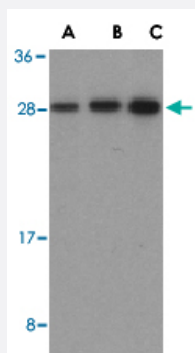


BID polyclonal antibody

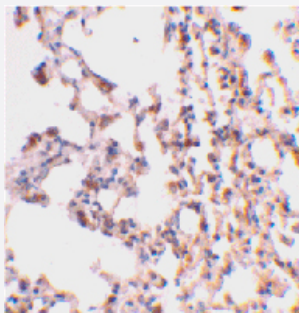
Catalog # PAB13120 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of BID in mouse lung tissue lysates with BID polyclonal antibody (Cat # PAB13120) at (A) 0.5, (B) 1, and (C) 2 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of mouse lung tissue using BID polyclonal antibody (Cat # PAB13120) at 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BID.
Immunogen	A synthetic peptide corresponding C-terminus to 14 amino acids of human BID.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of BID in mouse lung tissue lysates with BID polyclonal antibody (Cat # PAB13120) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of mouse lung tissue using BID polyclonal antibody (Cat # PAB13120) at 2 ug/mL .

Gene Info — BID

Entrez GeneID	637
Protein Accession#	AAH36364
Gene Name	BID
Gene Alias	FP497, MGC15319, MGC42355
Gene Description	BH3 interacting domain death agonist
Omim ID	601997
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	BH3-interacting domain death agonist BID isoform ES(1b) BID isoform L(2) BID isoform Si6 Human BID coding sequence OTTHUMP00000196197 apoptotic death agonist desmocollin type 4

Publication Reference

- [The Bcl-2 protein family and its role in the development of neoplastic disease.](#)

Heiser D, Labi V, Erlacher M, Villunger A.

Experimental Gerontology 2004 Aug; 39(8):1125.

- [The Bcl-2 family: roles in cell survival and oncogenesis.](#)

Cory S, Huang DC, Adams JM.

Oncogene 2003 Nov; 22(53):8590.

- [Cell death in the third millennium.](#)

Lockshin RA, Osborne B, Zakeri Z.

Cell Death and Differentiation 2000 Jan; 7(1):2.

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Natural killer cell mediated cytotoxicity](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Metastasis](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)