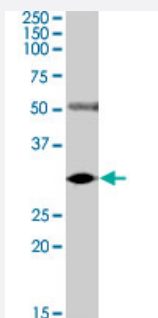


BID (phospho S65) polyclonal antibody

Catalog # PAB0419

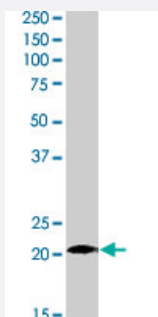
Size 400 uL

Applications



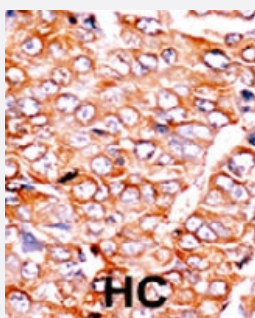
Western Blot (Tissue lysate)

BID (phospho S65) polyclonal antibody (Cat # PAB0419). Western blot analysis of BID expression in human colon.



Western Blot (Cell lysate)

BID (phospho S65) polyclonal antibody (Cat # PAB0419). Western blot analysis of BID expression in Jurkat.



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

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with BID (phospho S65) polyclonal antibody (Cat # PAB0419) which was peroxidase-conjugated to the secondary antibody followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of BID.

Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S65 of human BID.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. 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)

BID (phospho S65) polyclonal antibody (Cat # PAB0419). Western blot analysis of BID expression in human colon.

[Protocol Download](#)

- Western Blot (Cell lysate)

BID (phospho S65) polyclonal antibody (Cat # PAB0419). Western blot analysis of BID expression in Jurkat.

[Protocol Download](#)

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

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with BID (phospho S65) polyclonal antibody (Cat # PAB0419) which was peroxidase-conjugated to the secondary antibody followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.

Gene Info — BID

Entrez GeneID [637](#)

Protein Accession#	NP_932070;P55957-2
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 interaction between tBid and cardiolipin or monolysocardiolipin.](#)
Liu J, Durrant D, Yang HS, He Y, Whitby FG, Myszka DG, Lee RM.
Biochemical and Biophysical Research Communications 2005 May; 330(3):865.
- [Specific cleavage of Mcl-1 by caspase-3 in tumor necrosis factor-related apoptosis-inducing ligand \(TRAIL\)-induced apoptosis in Jurkat leukemia T cells.](#)
Weng C, Li Y, Xu D, Shi Y, Tang H.
The Journal of Biological Chemistry 2005 Mar; 280(11):10491.
- [Bid mediates apoptotic synergy between tumor necrosis factor-related apoptosis-inducing ligand \(TRAIL\) and DNA damage.](#)
Broaddus VC, Dansen TB, Abayasiriwardana KS, Wilson SM, Finch AJ, Swigart LB, Hunt AE, Evan GI.
The Journal of Biological Chemistry 2005 Apr; 280(13):12486.

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](#)