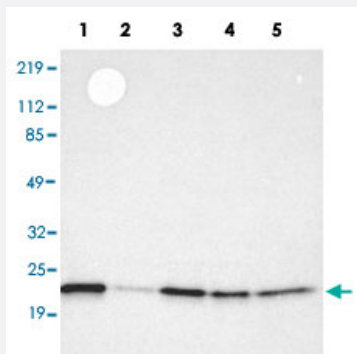


BID polyclonal antibody

Catalog # PAB30245 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis with BID polyclonal antibody (Cat # PAB30245) at 1:100 - 1:250 dilution

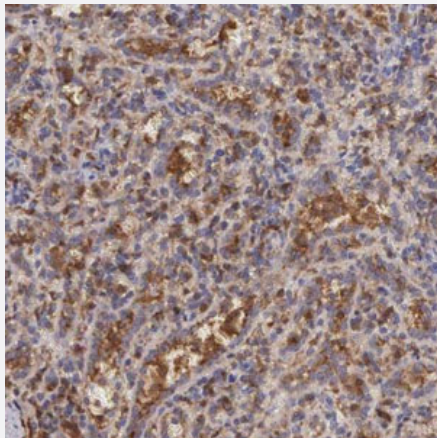
Lane 1: Human cell line RT-4

Lane 2: Human cell line EFO-21

Lane 3: Human cell line A-431

Lane 4: Human liver tissue

Lane 5: Human tonsil tissue



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with BID polyclonal antibody (Cat # PAB30245) shows strong cytoplasmic positivity in cells in red pulp at 1:1000 - 1:2500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human BID.
Immunogen	Recombinant protein corresponding to amino acids of human BID.
Sequence	VNNGSSLRDECITNLLVFGFLQSCSDNSFRRELDALGHELPVLAPQWEGYDELQTDGNRSSHSR LGRIEADSESQEDIIRNIARHLAQVGDSMDRSIPPGLVNGLALQLRNTSRSEEDNRDLATALEQLL QAYPRDMEKEKTMLVLALLAKKVASHTPSLLRDVFHTTVNFINQLRITYVRSRLAR
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000-1:2500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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 (Cell lysate)

Western Blot (Cell lysate) analysis with BID polyclonal antibody (Cat # PAB30245) at 1:100 - 1:250 dilution

Lane 1: Human cell line RT-4

Lane 2: Human cell line EFO-21

Lane 3: Human cell line A-431

Lane 4: Human liver tissue

Lane 5: Human tonsil tissue

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with BID polyclonal antibody (Cat # PAB30245) shows strong cytoplasmic positivity in cells in red pulp at 1:1000 - 1:2500 dilution.

Gene Info — BID

Entrez GeneID	637
Protein Accession#	P55957
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

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](#)