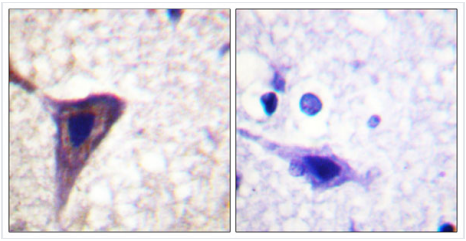
BID Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BID, Polyclonal Antibody
Full Product Name	BID (Phospho-Ser78) Antibody
Product Gene Name	anti-BID antibody
Product Synonym Names	BH3 interacting domain death agonist
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Concentration	1 mg/ml (lot specific)
Specificity	BID (Phospho-Ser78) Antibody detects endogenous levels of BID only when phosphorylated at Ser78.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	21 kDa
OMIM	AF042083 mRNA
3D Structure	ModBase 3D Structure for P55957
Target Modification	Phospho
Modification Sites	H:S78; M:S78
Immunogen	The antiserum was produced against synthesized peptide derived from human BID around the phosphorylation site of Ser78.
Immunogen Range	44-93
Applications Tested/Suitable for anti-BID antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-BID antibody	IHC: 1:50~1:100 ELISA: 1:5000
Related Product Information for anti-BID antibody	MBS9502453 is an antibody targeting BID. Also known as BID (Phospho-Ser78) Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-BID antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-BID antibody
Immunohistochemistry analysis of paraffin-embedded human brain, using BID (Phospho-Ser78) Antibody. The picture on the right is blocked with the phospho peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BID. It may not necessarily be applicable to this product.

NCBI GI #	4557361
NCBI GeneID	637
NCBI Accession #	NP_001187.1
UniProt Primary Accession #	P55957
UniProt Secondary Accession #	Q549M7; Q71T04; Q7Z4M9; Q8IY86
UniProt Related Accession #	P55957
GenBank Nucleotide #	NM_001196.3
NCBI Official Full Name	BH3-interacting domain death agonist isoform 2
NCBI Official Synonym Full Names	BH3 interacting domain death agonist
NCBI Official Symbol	BID
NCBI Official Synonym Symbols	FP497
UniProt Protein Name	BH3-interacting domain death agonist
UniProt Synonym Protein Names	p22 BID; BID
Protein Family	BH3-interacting domain death agonist
UniProt Gene Name	BID
UniProt Synonym Gene Names	BID
NCBI Protein Information	BH3-interacting domain death agonist
NCBI Summary for BID	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, Jul 2008]
UniProt Comments for BID	The major proteolytic product p15 BID allows the release of cytochrome c (). Isoform 1, isoform 2 and isoform 4 induce ICE-like proteases and apoptosis. Isoform 3 does not induce apoptosis. Counters the protective effect of Bcl-2.
Research Articles on BID	**1.** caspase-10 was dispensable for enhancement of cisplatin/LA-12 and TRAIL combination-induced cell death and stimulation of Bid cleavage
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