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Bid Antibody

Rabbit mAb
Catalog # AP91215

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	P55957
Reactivity	Human
Clonality	Monoclonal
Other Names	BID isoform ES(1b); BID isoform L(2); BID isoform Si6; FP497; p11 BID; p13 BID; p15 BID; p22 BID;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	21995

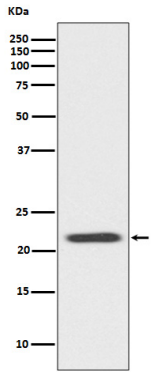
Additional Information

Dilution	WB 1:500~1:1000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:10 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Bid
Description	The major proteolytic product p15 BID allows the release of cytochrome c (By similarity). 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	BID
Function	Induces caspases and apoptosis (PubMed: 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).

Images



Western blot analysis of Bid expression in Jurkat cell lysate.

Image not found : 202311/AP91215-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human lung, using Bid Antibody.

Image not found : 202311/AP91215-IF.jpg

Immunofluorescent analysis of Jurkat cells, using Bid Antibody .