

Anti-BID Antibody

Catalog # AP96143

Product Information

Application	WB, FC, IF/IC
Primary Accession	P55957
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	21995

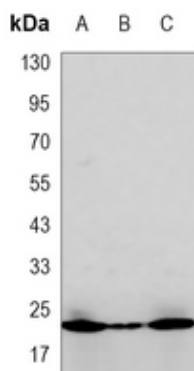
Additional Information

Gene ID	637
Other Names	BH3-interacting domain death agonist; p22 BID; BID
Target/Specificity	Purified recombinant fragment of human BID expressed in E. Coli.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

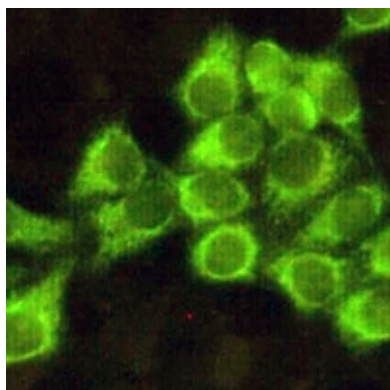
Protein Information

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 293T (A), Jurkat (B), A431 (C) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 22 kD)



Immunofluorescent analysis of BID staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.