

For Research Use Only

BID Polyclonal antibody

Catalog Number: 10988-1-AP

Featured Product

54 Publications



Basic Information

Catalog Number:

10988-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1445

GenBank Accession Number:

BC009197

GeneID (NCBI):

637

UNIPROT ID:

P55957

Full Name:

BH3 interacting domain death agonist

Calculated MW:

22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, rat, mouse, pig

Positive Controls:

WB : A431 cells, human brain tissue, Tunicamycin treated HeLa cells, A549 cells, HEK-293 cells, HepG2 cells, Jurkat cells

IP : HeLa cells,

Background Information

BID, also named as p22 BID, can be cleaved into p11 BID, p13 BID and p15 BID. It is pro-apoptotic molecules. The major proteolytic product p15 BID allows the release of cytochrome c. BID-L, BID-EL and BID-ES induce ICE-like proteases and apoptosis. BID-S does not induce apoptosis. BID counters the protective effect of Bcl-2. (PMID:14583606)

Notable Publications

Author	Pubmed ID	Journal	Application
Bin Xu	31637186	Int J Ophthalmol	WB
Tahir Mehmood	29151958	J Cancer	WB
Robert Pedley	33067418	Cell Death Dis	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

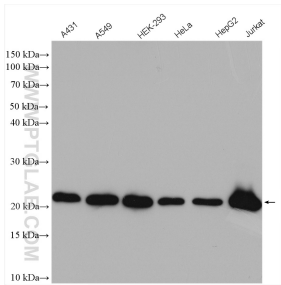
T: 4006900926

E: Proteintech-CN@ptglab.com

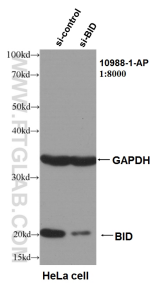
W: ptgcn.com

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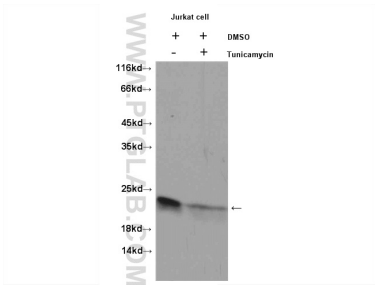
Selected Validation Data



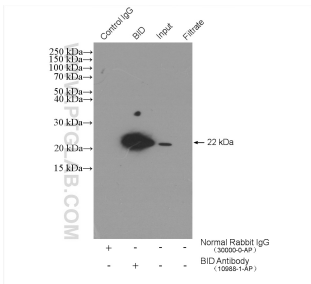
Various lysates were subjected to SDS PAGE followed by western blot with 10988-1-AP (BID antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of BID antibody (10988-1-AP, 1:8000) with si-Control and si-BID transfected HeLa cells.



Tunicamycin treated HeLa cells were subjected to SDS PAGE followed by western blot with 10988-1-AP (BID Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-BID (IP:10988-1-AP, 4ug; Detection:10988-1-AP 1:500) with HeLa cells lysate 1280 ug.