

For Research Use Only

# BID Polyclonal antibody

Catalog Number: 10988-1-AP

Featured Product

41 Publications



## Basic Information

**Catalog Number:**  
10988-1-AP

**Size:**  
150ul, Concentration: 700 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG1445

**GenBank Accession Number:**  
BC009197

**GeneID (NCBI):**  
637

**Full Name:**  
BH3 interacting domain death agonist<sup>for WB</sup>

**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 ug for IP and 1:500-1:1000

## Applications

**Tested Applications:**  
IP, WB, ELISA

**Cited Applications:**  
IHC, WB

**Species Specificity:**  
human

**Cited Species:**  
human, mouse, mouse, pig, rat

**Positive Controls:**

**WB:** A431 cells, HeLa 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

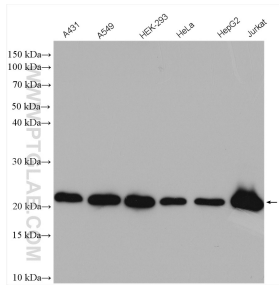
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

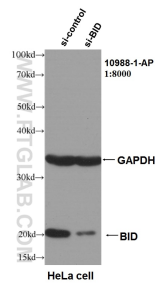
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

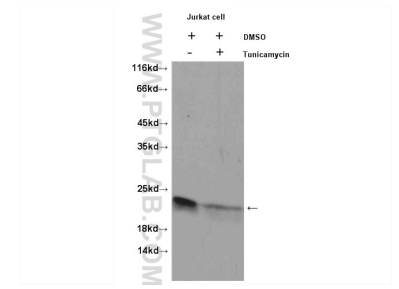
## Selected Validation Data



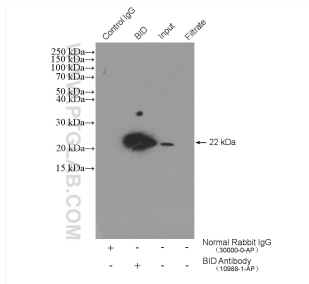
Various lysates were subjected to SDS PAGE followed by western blot with 10988-1-AP (BID antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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.