

For Research Use Only

SODD/BAG4 Polyclonal antibody

Catalog Number: 13913-1-AP **2 Publications**



Basic Information

Catalog Number: 13913-1-AP	GenBank Accession Number: BC038505	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 507 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9530	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: BCL2-associated athanogene 4	IF 1:20-1:200
Isotype: IgG	Calculated MW: 457 aa, 50 kDa	
Immunogen Catalog Number: AG4905	Observed MW: 60 kDa, 66-70 kDa	

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls: WB : K-562 cells, MCF-7 cells
Cited Applications: WB	IP : K-562 cells,
Species Specificity: human	IF : MCF-7 cells,
Cited Species: Artemia sinica	

Background Information

BAG4, also known as SODD (the silencer of death domain), belongs to the BAG family of anti-apoptotic proteins. BAG4 binds to the tumor necrosis factor receptor 1 (TNFR1) and block signaling for subsequent activation of apoptosis. This antibody detects 66-70 kDa full-length BAG4 protein and 45 kDa, 60 kDa C-terminal fragments, which was also observed by Hedda et al. (12706861).

Notable Publications

Author	Pubmed ID	Journal	Application
Alexandra E. Perlegos	36104353	Nat Commun	WB
Mengchen Zhang	28115244	Gene	WB

Storage

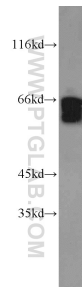
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

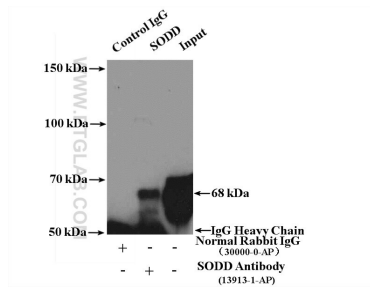
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

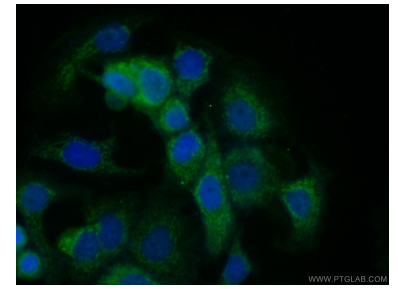
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 13913-1-AP (SODD/BAG4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-SODD/BAG4 (IP:13913-1-AP, 4ug; Detection:13913-1-AP 1:500) with K-562 cells lysate 2800ug.



Immunofluorescent analysis of MCF-7 cells using 13913-1-AP (SODD/BAG4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).