

For Research Use Only

SODD/BAG4 Polyclonal ANTIBODY



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

Basic Information

Catalog Number:

13913-1-AP

Size:

150UL, Concentration: 507 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4905

GenBank Accession Number:

BC038505

GeneID (NCBI):

9530

Full Name:

BCL2-associated athanogene 4

Calculated MW:

457 aa, 50 kDa

Observed MW:

60 kDa, 66-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IF 1:20-1:200

Applications

Tested Applications:

IF, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

Artemia

Positive Controls:

WB : K-562 cells, MCF-7 cells

IP : K-562 cells,

IF : MCF-7 cells,

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
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

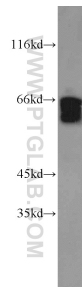
For technical support and original validation data for this product please contact:

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

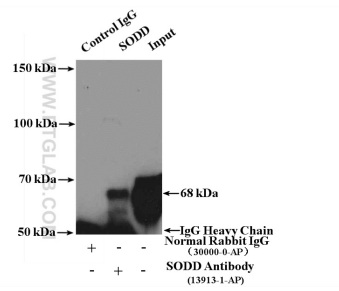
E: proteintech@ptglab.com
W: ptglab.com

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

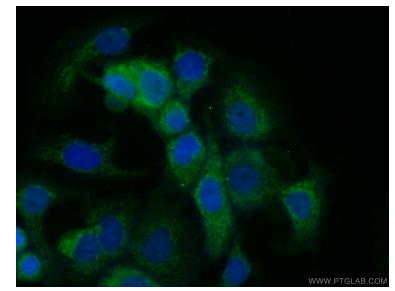
Selected Validation Data



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).