

For Research Use Only

SODD/BAG4 Polyclonal antibody

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



Basic Information

Catalog Number:

13913-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4905

GenBank Accession Number:

BC038505

GeneID (NCBI):

9530

UNIPROT ID:

O95429

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 1.0-3.0 mg of total protein lysate

IF 1:20-1:200

Applications

Tested Applications:

IF/ICC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

Artemia sinica

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
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

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

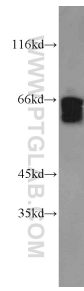
T: 4006900926

E: Proteintech-CN@ptglab.com

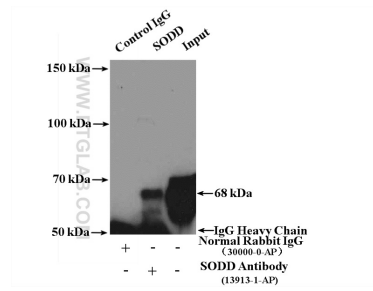
W: ptgcn.com

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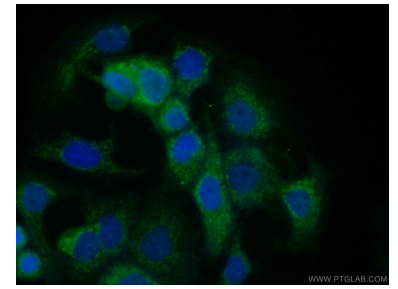
Selected Validation Data



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).