

For Research Use Only

SENP3 Polyclonal antibody

Catalog Number: 17659-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

17659-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11911

GenBank Accession Number:

BC080658

GeneID (NCBI):

26168

UNIPROT ID:

Q9H4L4

Full Name:

SUMO1/sentrin/SMT3 specific

peptidase 3

Calculated MW:

574 aa, 65 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, Y79 cells, rat embryo tissue

IP : Y79 cells,

IHC : human ovary cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

SENP3(Sentrin-specific protease 3) is also named as SSP3, SUSP3 and belongs to the peptidase C48 family. It acts as an essential factor for ribosome biogenesis. SENP3 might regulate the sumoylation of other substrates through directly binding or mediating association with NPM1 at the nucleolus and other subcellular compartments.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiancai Ma	30652970	Elife	WB
Luyao Shao	31914638	FASEB J	WB,IF
Zhenwei Ma	39239750	Int J Oncol	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:

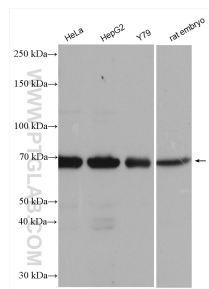
T: 4006900926

E: Proteintech-CN@ptglab.com

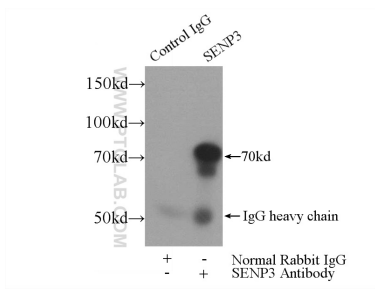
W: ptgcn.com

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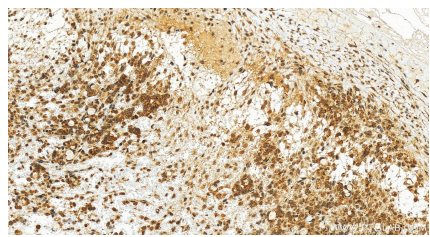
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17659-1-AP (SENP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-SENP3 (IP:17659-1-AP, 4ug; Detection:17659-1-AP 1:500) with Y79 cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 17659-1-AP (SENP3 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).