

For Research Use Only

SENP1 Polyclonal antibody, PBS Only

Catalog Number: 25349-1-PBS

Featured Product



Basic Information

Catalog Number:

25349-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18028

GenBank Accession Number:

BC045639

GeneID (NCBI):

29843

Full Name:

SUMO1/sentrin specific peptidase 1

Calculated MW:

644 aa, 73 kDa

Observed MW:

73-74 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

SENP1, Sentrin-specific protease 1, is a cysteine protease that specifically targets members of the small ubiquitin-like modifier (SUMO) protein family. SENP1 catalyzes two functions in the SUMO pathway (PMID: 29506078). The first is the hydrolysis of an alpha-linked peptide bond at the C-terminal end of the small ubiquitin-like modifier (SUMO) propeptides. The second is the deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins (PMID: 16253240). SENP1 is located in the nucleus and cytosol.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

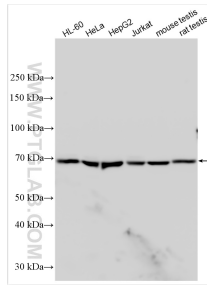
T: 4006900926

E: Proteintech-CN@ptglab.com

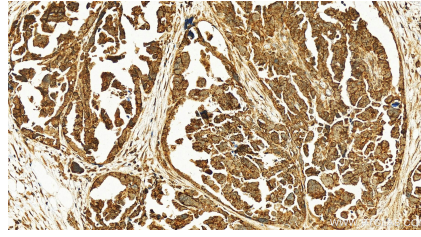
W: ptgcn.com

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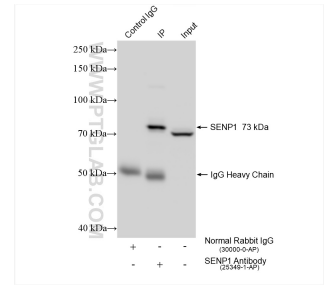
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25349-1-AP (SENP1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25349-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 25349-1-AP (SENP1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25349-1-PBS in a different storage buffer formulation.



IP result of anti-SENP1 (IP:25349-1-AP, 4ug; Detection:25349-1-AP 1:1000) with Jurkat cells lysate 1400 ug. This data was developed using the same antibody clone with 25349-1-PBS in a different storage buffer formulation.