

For Research Use Only

SENP1 Polyclonal antibody, PBS Only

Catalog Number: 25349-1-PBS

Featured Product



Basic Information

Catalog Number:

25349-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS Only

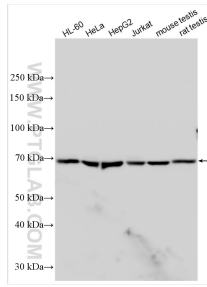
For technical support and original validation data for this product please contact:

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

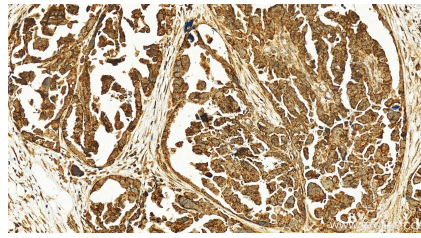
E: proteintech@ptglab.com
W: ptglab.com

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

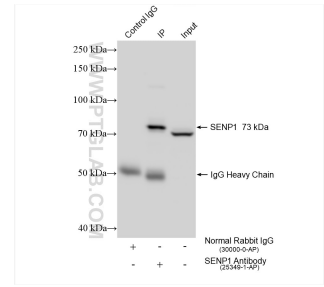
Selected Validation Data



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.