

For Research Use Only

# SENP3 Polyclonal antibody

Catalog Number: 17659-1-AP **6 Publications**



## Basic Information

<b>Catalog Number:</b> 17659-1-AP	<b>GenBank Accession Number:</b> BC080658	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 26168	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> SUMO1/sentrin/SMT3 specific peptidase 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 574 aa, 65 kDa	
<b>Immunogen Catalog Number:</b> AG11911	<b>Observed MW:</b> 65-70 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, Y79 cells, rat embryo tissue IP : Y79 cells,
<b>Cited Applications:</b> IF, IP, WB	
<b>Species Specificity:</b> human, rat	
<b>Cited Species:</b> human, mouse	

## 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
Xue Yang	37853941	Mol Oncol	IP,WB

## Storage

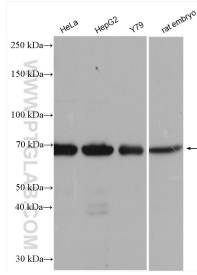
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

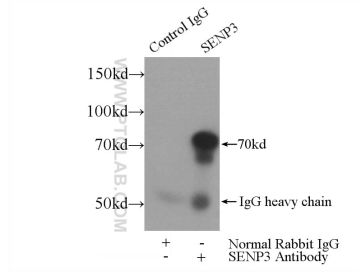
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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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.