

For Research Use Only

# SC65 Polyclonal antibody

Catalog Number: 15288-1-AP

Featured Product

7 Publications



## Basic Information

**Catalog Number:**  
15288-1-AP

**Size:**  
150ul, Concentration: 600 µg/ml by Nanodrop and 460 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG7480

**GenBank Accession Number:**  
BC001047

**GeneID (NCBI):**  
10609

**Full Name:**  
synaptonemal complex protein SC65

**Calculated MW:**  
50 kDa

**Observed MW:**  
50 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:1000-1:8000  
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**  
IP, WB, ELISA

**Cited Applications:**  
IF, IHC, WB

**Species Specificity:**  
human, mouse

**Cited Species:**  
human, mouse

**Positive Controls:**

WB : HeLa cells,

IP : mouse bladder tissue,

## Background Information

SC65, also named as Leprecan-like protein 4 or Nucleolar autoantigen No55, is a 437 amino acid protein, which belongs to the leprecan family. SC65 is a protein of the interphase nucleolus and tumour-associated autoantigen in patients with prostate cancer.

## Notable Publications

Author	Pubmed ID	Journal	Application
Masahiko Terajima	31173582	PLoS Genet	WB
Chen Fang	35805016	Cancers (Basel)	WB
Sarah M Zimmerman	30417103	AIMS Genet	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

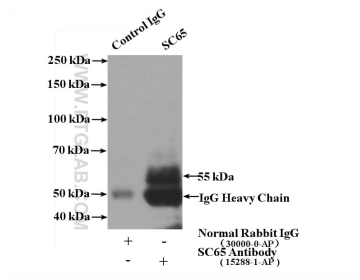
For technical support and original validation data for this product please contact:

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

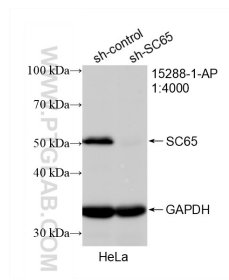
E: proteintech@ptglab.com  
W: ptglab.com

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

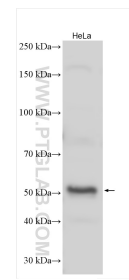
## Selected Validation Data



IP Result of anti-SC65 (IP:15288-1-AP, 4ug; Detection:15288-1-AP 1:500) with mouse bladder tissue lysate 3200ug.



WB result of SC65 antibody (15288-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SC65 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 15288-1-AP (SC65 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.