

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 ug/ml by Nanodrop and 460 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7480

### GenBank Accession Number:

BC001047

### GeneID (NCBI):

10609

### UNIPROT ID:

Q92791

### 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:

WB, IP, ELISA

### Cited Applications:

WB, IF, IHC

### 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

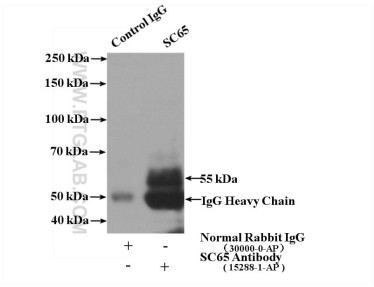
For technical support and original validation data for this product please contact:

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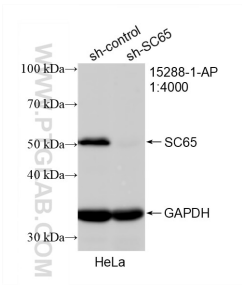
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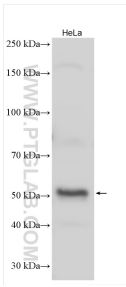
Selected Validation Data



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.