

For Research Use Only

# MTSS1L Polyclonal antibody

Catalog Number: 27832-1-AP

2 Publications



## Basic Information

### Catalog Number:

27832-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG27216

### GenBank Accession Number:

BC002770

### GeneID (NCBI):

92154

### UNIPROT ID:

Q765P7

### Full Name:

metastasis suppressor 1-like

### Observed MW:

68-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB**: HEK-293T cells, HeLa cells, Jurkat cells, U-251 cells, NIH/3T3 cells, mouse brain tissue, rat brain tissue

**IP**: Jurkat cells,

**IHC**: mouse brain tissue,

**IF/ICC**: MCF-7 cells,

## Background Information

MTSS2, also known as MTSS1L, contains a conserved N-terminal domain, called an IRSP53 /MIM homology domain (IMD) or inverse BAR domain, that is involved in plasma membrane dynamics (PMID: 20875796). MTSS2 potentiated PDGF-mediated formation of membrane ruffles and lamellipodia in fibroblasts, acting via RAC1 activation (PMID:14752106). MTSS2 is implicated in intellectual developmental disorders with ocular anomalies and distinctive facial features (PMID: 36067766).

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei Zhuo	35597784	Cell Discov	WB
Xiaoli Tang	31281935	Acta Biochim Biophys Sin (Shanghai)	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

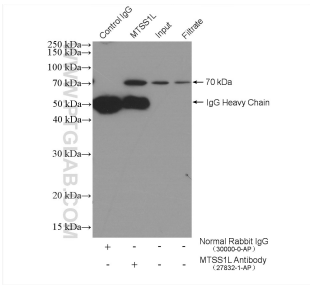
For technical support and original validation data for this product please contact:

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

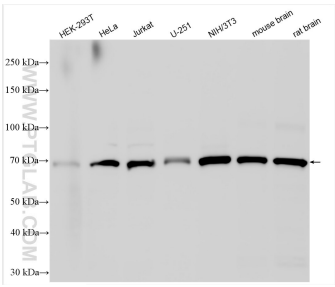
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

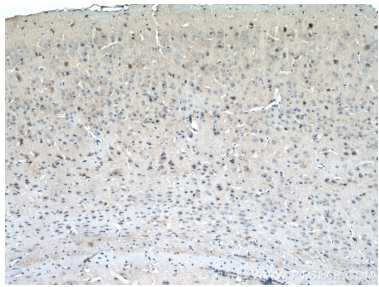
Selected Validation Data



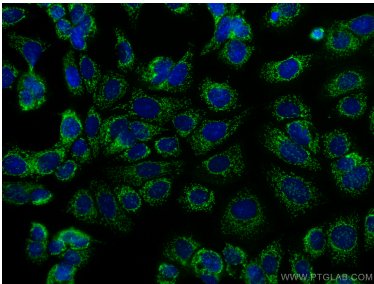
IP result of anti-MTSS1L (IP:27832-1-AP, 4ug; Detection:27832-1-AP 1:300) with Jurkat cells lysate 4000 ug.



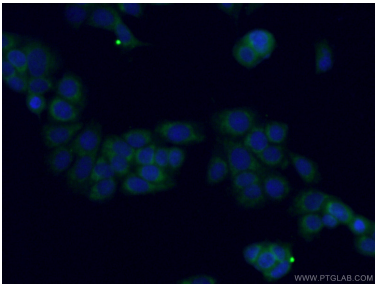
Various lysates were subjected to SDS PAGE followed by western blot with 27832-1-AP (MTSS1L antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27832-1-AP (MTSS1L antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using MTSS1L antibody (27832-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 27832-1-AP (MTSS1L antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).