

For Research Use Only

# TUSC3 Polyclonal antibody

Catalog Number: 16039-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

16039-1-AP

### Size:

150ul, Concentration: 160 ug/ml by Nanodrop and 160 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8912

### GenBank Accession Number:

BC010370

### GeneID (NCBI):

7991

### UNIPROT ID:

Q13454

### Full Name:

tumor suppressor candidate 3

### Calculated MW:

347 aa, 40 kDa

### Observed MW:

35-40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB : HeLa cells, rat testis tissue, mouse brain tissue

## Background Information

TUSC3 (tumor suppressor candidate 3), originally named N33, is a potential tumor suppressor gene. Decreased expression of TUSC3 has been found in various cancers, including prostate cancer, pancreas cancer and ovary cancer. TUSC3 also known as OST3A, is identified as a part of the oligosaccharyl-transferase (OST) complex and plays a crucial role in protein N-glycosylation. TUSC3 mutations have been found in families with non-syndromic autosomal recessive mental retardation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ruxia Deng	36274132	J Transl Med	IHC
Young-Jun Jeon	30504895	Nat Commun	
Natalia A Cherepanova	26864433	Sci Rep	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

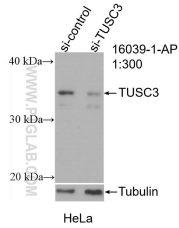
For technical support and original validation data for this product please contact:

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

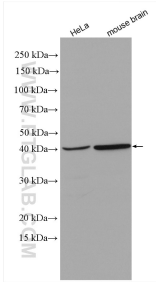
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

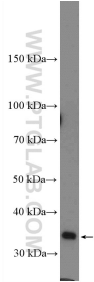
Selected Validation Data



WB result of TUSC3 antibody (16039-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-TUSC3 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 16039-1-AP (TUSC3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



rat testis tissue were subjected to SDS PAGE followed by western blot with 16039-1-AP (TUSC3 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.