

TUSC3 Monoclonal antibody

Catalog Number: 67382-1-Ig

Featured Product

Basic Information

Catalog Number:

67382-1-Ig

Size:

2300 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9197

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 kDa

Purification Method:

Protein G purification

CloneNo.:

1D3G12

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, human placenta 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.

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 67382-1-Ig (TUSC3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

WB result of TUSC3 antibody (67382-1-Ig; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-TUSC3 transfected hela cells.