

For Research Use Only

TUSC3 Monoclonal antibody

Catalog Number: 67382-1-Ig

Featured Product



Basic Information

Catalog Number:

67382-1-Ig

GenBank Accession Number:

BC010370

Purification Method:

Protein G purification

Size:

150ul, Concentration: 2300 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;

GeneID (NCBI):

7991

CloneNo.:

1D3G12

UNIPROT ID:

Q13454

Recommended Dilutions:

WB 1:1000-1:6000

Source:

Mouse

Full Name:

tumor suppressor candidate 3

Isotype:

IgG1

Calculated MW:

347 aa, 40 kDa

Immunogen Catalog Number:

AG9197

Observed MW:

35 kDa

Applications

Tested Applications:

WB, ELISA

Positive Controls:

WB: HeLa cells, human placenta tissue

Species Specificity:

Human

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

*** 20ul sizes contain 0.1% BSA

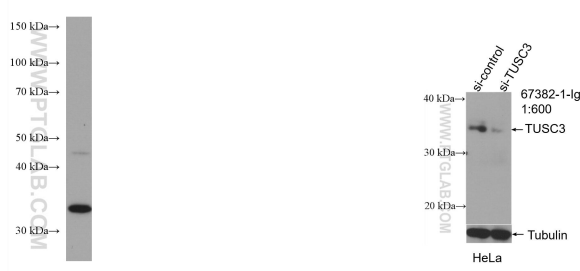
For technical support and original validation data for this product please contact:

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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.