For Research Use Only

TUSC3 Monoclonal antibody

Catalog Number:67382-1-lg Featured Product



Basic Information

Catalog Number: 67382-1-lg

67382-1-lg BC010370
Size: GeneID (NCBI): 7991
Source: UNIPROT ID: Mouse Q13454

Mouse Q13454

Isotype: Full Name: tumor suppressor candidate 3

Immunogen Catalog Number: Calculated MW:

AG9197 Catculated MW: 347 aa, 40 kDa Observed MW:

35 kDa

GenBank Accession Number:

Applications

Tested Applications:

WB,ELISA

Species Specificity:

Human

Purification Method:

Protein G purification

CloneNo.: 1D3G12

WB: HeLa cells, human placenta tissue

Recommended Dilutions:

WB 1:1000-1:6000

Background Information

TUSC3 (tumor suppressor candidate 3), originally named N33, is a potential tumor supressor 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.

Positive Controls:

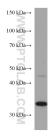
Storage

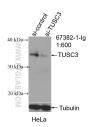
Storage: Store at -20°C. Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data





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

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