

Anti-TUSC3 Antibody (Internal)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17338**Specification**

Anti-TUSC3 Antibody (Internal) - Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	Q13454
Predicted	Human, Monkey, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39676

Anti-TUSC3 Antibody (Internal) - Additional Information**Gene ID** 7991Alias Symbol **TUSC3****Other Names**

TUSC3, D8S1992, M33, MRT7, N33, OST3A, Tumor suppressor candidate 3, Protein N33, MRT22

Target/Specificity

Recognizes endogenous levels of TUSC3 protein.

Reconstitution & Storage

PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

Anti-TUSC3 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-TUSC3 Antibody (Internal) - Protein Information**Name** TUSC3**Synonyms** N33**Function**

Acts as accessory component of the N-oligosaccharyl transferase (OST) complex which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains. Involved in N-glycosylation of STT3B-dependent substrates. Specifically required for the glycosylation of a subset of acceptor sites that are near cysteine residues; in this function seems to act redundantly with MAGT1. In its oxidized form proposed to form transient mixed disulfides with a glycoprotein substrate to facilitate access of STT3B to the unmodified acceptor site. Has also oxidoreductase-independent functions in the STT3B-containing OST complex possibly involving substrate recognition.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Expressed in most non-lymphoid cells and tissues examined, including prostate, lung, liver, colon, heart, kidney and pancreas.

Anti-TUSC3 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TUSC3 Antibody (Internal) - Images