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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 7991

Alias 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 Cytomety
- Cell Culture

Anti-TUSC3 Antibody (Internal) - Images