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Datasheet for ABIN7173933

anti-TUSC3 antibody (AA 42-196) (HRP)

Overview

Quantity:	100 µg
Target:	TUSC3
Binding Specificity:	AA 42-196
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUSC3 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Tumor suppressor candidate 3 protein (42-196AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TUSC3
Alternative Name:	TUSC3 (TUSC3 Products)
Background:	Background: Acts as accessory component of the N-oligosaccharyl transferase (OST) complex which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked

Target Details

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.

Aliases: TUSC3 antibody, N33Tumor suppressor candidate 3 antibody, Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit TUSC3 antibody, Oligosaccharyl transferase subunit TUSC3 antibody, Magnesium uptake/transporter TUSC3 antibody, Protein N33 antibody

UniProt: [Q13454](#)

Pathways: [Cell RedoxHomeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.