

Rabbit anti-Human, Rat TUSC3 Polyclonal Antibody | anti-TUSC3 antibody

TUSC3 Antibody

CATALOG # AAA234806	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

TUSC3; Polyclonal Antibody; TUSC3 Antibody; Tumor suppressor candidate 3; Magnesium uptake/transporter TUSC3; Protein N33; N33; anti-TUSC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	348
Applicable Applications for anti-TUSC3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Tumor suppressor candidate 3 protein (42-196AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



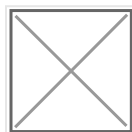
IHC (Immunohistochemistry)

IHC image of AAA234806 diluted at 1:300 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234806 diluted at 1:300 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Rat lung tissue, Rat heart tissueAll lanes: TUSC3 antibody at 4.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 40 KDaObserved band size: 40 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-TUSC3 antibody	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.
Product Categories/Family for anti-TUSC3 antibody	Cancer; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410788
NCBI GeneID	7991
NCBI Accession #	NP_006756.2
NCBI GenBank Nucleotide #	NM_006765.3
UniProt Accession #	Q13454; Q14911; Q14912; Q96FW0; A8MSM0; D3DSP2
Molecular Weight	39,558 Da
NCBI Official Full Name	tumor suppressor candidate 3 isoform a
NCBI Official Synonym Full Names	tumor suppressor candidate 3
NCBI Official Symbol	TUSC3
NCBI Official Synonym Symbols	M33; N33; MRT7; MRT22; OST3A; D8S1992
NCBI Protein Information	tumor suppressor candidate 3
UniProt Protein Name	Tumor suppressor candidate 3
UniProt Gene Name	TUSC3
UniProt Synonym Gene Names	N33

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tusc3-antibody-immunohistochemistry-western-blot-elisa/234806>