Rabbit TMED2 Polyclonal Antibody | anti-TMED2 antibody

TMED2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173075	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

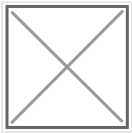
TMED2; Polyclonal Antibody; TMED2 Polyclonal Antibody; p24; P24A; RNP24; anti-TMED2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1.6mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-TMED2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Fusion protein of human TMED2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-292002
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer using TMED2 Polyclonal Antibody at dilution of 1/30



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer using TMED2 Polyclonal Antibody at dilution of 1/30

ADDITIONAL INFORMATION

Related Product Information for anti-TMED2 antibody	Involved in vesicular protein trafficking. Mainly functions in the early secretory pathway but also in post-Golgi membranes. Thought to act as cargo receptor at the lumenal side for incorporation of secretory cargo molecules into transport vesicles and to be involved in vesicle coat formation at the cytoplasmic side. In COPII vesicle-mediated anterograde transport involved in the transport of GPI-anchored proteins and proposed to act together with TMED10 as their cargo receptor; the function specifically implies SEC24C and SEC24D of the COPII vesicle coat and lipid raft-like microdomains of the ER. Recognizes GPI anchors structural remodeled in the ER by PGAP1 and MPPE1. In COPI vesicle-mediated retrograde transport inhibits the GTPase-activating activity of ARFGAP1 towards ARF1 thus preventing immature uncoating and allowing cargo selection to take place. Involved in trafficking of G protein-coupled receptors (GPCRs). Regulates F2RL1, OPRM1 and P2RY4 exocytic trafficking from the Golgi to the plasma membrane thus contributing to receptor resensitization. Facilitates CASR maturation and stabilization in the early secretory pathway and increases CASR plasma membrane targeting. Proposed to be involved in organization of intracellular membranes such as the maintenance of the Golgi apparatus. May also play a role in the biosynthesis of secreted cargo such as eventual processing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803149
NCBI GeneID	10959
NCBI GenBank Nucleotide #	NM_006815.3
Molecular Weight	23 kDa
NCBI Official Full Name	transmembrane emp24 domain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	transmembrane p24 trafficking protein 2
NCBI Official Symbol	TMED2
NCBI Official Synonym Symbols	p24; P24A; RNP24; p24b1; p24beta1
NCBI Protein Information	transmembrane emp24 domain-containing protein 2
UniProt Protein Name	Transmembrane emp24 domain-containing protein 2
UniProt Gene Name	**TMED2**
UniProt Synonym Gene Names	RNP24; p24beta1
UniProt Entry Name	TMED2_HUMAN

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/tmed2-antibody-immunohistochemistry-western-blot-elisa/173075