

TMEM5 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16719a**Specification**

TMEM5 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9Y2B1
Other Accession	NP_055069.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51146
Antigen Region	55-82

TMEM5 Antibody (N-term) - Additional Information**Gene ID** 10329**Other Names**

Transmembrane protein 5, TMEM5

Target/Specificity

This TMEM5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-82 amino acids from the N-terminal region of human TMEM5.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TMEM5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM5 Antibody (N-term) - Protein Information**Name** RXYLT1 ([HGNC:13530](#))**Synonyms** TMEM5

Function Acts as a UDP-D-xylose:ribitol-5-phosphate beta1,4- xylosyltransferase, which catalyzes the transfer of UDP-D-xylose to ribitol 5-phosphate (Rbo5P) to form the Xylbeta1-4Rbo5P linkage on O- mannosyl glycan (Probable) (PubMed:[27733679](#), PubMed:[29477842](#)). Participates in the biosynthesis of the phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-3-N-acetylglucosamine-beta-4- (phosphate-6-)mannose), a carbohydrate structure present in alpha- dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity (Probable) (PubMed:[25279699](#), PubMed:[27601598](#), PubMed:[27733679](#)).

Cellular Location

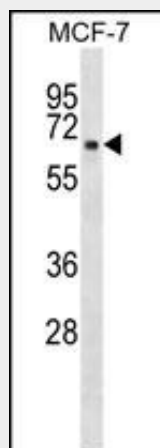
Golgi apparatus membrane; Single-pass type II membrane protein

TMEM5 Antibody (N-term) - 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](#)

TMEM5 Antibody (N-term) - Images



TMEM5 Antibody (N-term) (Cat. #AP16719a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the TMEM5 antibody detected the TMEM5 protein (arrow).

TMEM5 Antibody (N-term) - Background

TMEM5 is a putative type II membrane protein.

TMEM5 Antibody (N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Yokoyama-Kobayashi, M., et al. Gene 228 (1-2), 161-167 (1999) :