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# TMEM5 Antibody (N-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP16719a**

## Specification

### TMEM5 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9Y2B1

### TMEM5 Antibody (N-term) Blocking Peptide - Additional Information

**Gene ID** 10329

**Other Names**
Transmembrane protein 5, TMEM5

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### TMEM5 Antibody (N-term) Blocking Peptide - 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 (PubMed:<a href="http://www.uniprot.org/citations/27733679" target="_blank">27733679</a>, PubMed:<a href="http://www.uniprot.org/citations/29477842" target="_blank">29477842</a>) (Probable). 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 (PubMed:<a href="http://www.uniprot.org/citations/25279699" target="_blank">25279699</a>, PubMed:<a href="http://www.uniprot.org/citations/27601598" target="_blank">27601598</a>, PubMed:<a href="http://www.uniprot.org/citations/27733679" target="_blank">27733679</a>) (Probable).

**Cellular Location**
Golgi apparatus membrane; Single-pass type II membrane protein

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## TMEM5 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

## TMEM5 Antibody (N-term) Blocking Peptide - Images

## TMEM5 Antibody (N-term) Blocking Peptide - Background

TMEM5 is a putative type II membrane protein.

## TMEM5 Antibody (N-term) Blocking Peptide - References

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