

TMEM45B Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16296a**Specification**

TMEM45B Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O96B21](#)
Other Accession [NP_620143.1](#)

TMEM45B Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 120224

Other Names

Transmembrane protein 45B, TMEM45B

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.

TMEM45B Antibody (N-term) Blocking Peptide - Protein Information

Name TMEM45B

Function

Plays a role in innate immunity (PubMed:35938871). Mechanistically, promotes alphaviruses RNA degradation by interacting with the viral polymerase nsP4 and the mRNA-capping enzyme nsP1 and thereby interfering with the interaction between viral RNA and nsP1.(PubMed:35938871).

Cellular Location

Endosome membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein

TMEM45B Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TMEM45B Antibody (N-term) Blocking Peptide - Images

TMEM45B Antibody (N-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Hosgood, H.D. III, et al. Occup Environ Med
66(12):848-853(2009)