

TMPRSS6 Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19372a**Specification**

TMPRSS6 Antibody(N-term) Blocking peptide - Product InformationPrimary Accession [Q8IU80](#)**TMPRSS6 Antibody(N-term) Blocking peptide - Additional Information****Gene ID** 164656**Other Names**

Transmembrane protease serine 6, 3421-, Matriptase-2, TMPRSS6

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.

TMPRSS6 Antibody(N-term) Blocking peptide - Protein Information**Name** TMPRSS6**Function**

Membrane-bound serine protease (PubMed: [18976966](http://www.uniprot.org/citations/18976966) target="_blank">18976966, PubMed: [20518742](http://www.uniprot.org/citations/20518742) target="_blank">20518742, PubMed: [25156943](http://www.uniprot.org/citations/25156943) target="_blank">25156943, PubMed: [25588876](http://www.uniprot.org/citations/25588876) target="_blank">25588876). Through the cleavage of cell surface hemojuvelin (HJV), a regulator of the expression of the iron absorption-regulating hormone hepcidin/HAMP, plays a role in iron homeostasis (PubMed: [18408718](http://www.uniprot.org/citations/18408718) target="_blank">18408718, PubMed: [18976966](http://www.uniprot.org/citations/18976966) target="_blank">18976966, PubMed: [25156943](http://www.uniprot.org/citations/25156943) target="_blank">25156943).

Cellular Location

Cell membrane; Single-pass type II membrane protein. Note=The processed, activated two-chains form is released in the extracellular space.

TMPRSS6 Antibody(N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TMPRSS6 Antibody(N-term) Blocking peptide - Images

TMPRSS6 Antibody(N-term) Blocking peptide - Background

The protein encoded by this gene is a type II transmembrane serine proteinase that is found attached to the cell surface. The encoded protein may be involved in matrix remodeling processes in the liver.

TMPRSS6 Antibody(N-term) Blocking peptide - References

Altamura, S., et al. Biochem. J. 431(3):363-371(2010) Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010) De Falco, L., et al. Hum. Mutat. 31 (5), E1390-E1405 (2010) :Tanaka, T., et al. Blood 115(1):94-96(2010) Lee, P. Acta Haematol. 122 (2-3), 87-96 (2009) :