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TMPRSS6 Antibody(N-term) Blocking peptide

Synthetic peptide
Catalog # BP19372a

Specification

TMPRSS6 Antibody(N-term) Blocking peptide - Product Information

Primary 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, PubMed:20518742, PubMed:25156943, PubMed:25588876). Through the cleavage of cell surface HJV, a regulator of the expression of the iron absorption-regulating hormone hepicidin/HAMP, plays a role in iron homeostasis (PubMed:25156943, PubMed:18408718, PubMed:18976966).

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

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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 IItransmembrane serine proteinase that is found attached to the cellsurface. The encoded protein may be involved in matrix remodelingprocesses 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) :