

TMPRSS6 Antibody(N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19372a**Specification**

TMPRSS6 Antibody(N-term) - Product Information

Application	WB,E
Primary Accession	Q8IU80
Other Accession	NP_705837.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	90000
Antigen Region	85-114

TMPRSS6 Antibody(N-term) - Additional Information**Gene ID** 164656**Other Names**

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

Target/Specificity

This TMPRSS6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-114 amino acids from the N-terminal region of human TMPRSS6.

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

TMPRSS6 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TMPRSS6 Antibody(N-term) - Protein Information**Name** TMPRSS6**Function** Membrane-bound serine protease (PubMed:[18976966](#), PubMed:[20518742](#),

PubMed:[25156943](#), PubMed:[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](#), PubMed:[18976966](#), PubMed:[25156943](#)).

Cellular Location

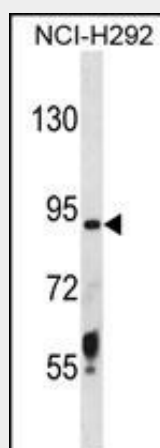
Cell membrane; Single-pass type II membrane protein. Note=The processed, activated two-chains form is released in the extracellular space.

TMPRSS6 Antibody(N-term) - 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](#)

TMPRSS6 Antibody(N-term) - Images



TMPRSS6 Antibody (N-term)(Cat. #AP19372a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the TMPRSS6 antibody detected the TMPRSS6 protein (arrow).

TMPRSS6 Antibody(N-term) - 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) - 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) :