

TMPRSS4 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11191**Specification**

TMPRSS4 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O9NRS4
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

TMPRSS4 Antibody (Internal) - Additional Information**Gene ID** 56649**Other Names**

Transmembrane protease serine 4, 3.4.21.-, Channel-activating protease 2, CAPH2, Membrane-type serine protease 2, MT-SP2, TMPRSS4, TMPRSS3

Target/Specificity

Human TMPRSS4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

TMPRSS4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TMPRSS4 Antibody (Internal) - Protein Information**Name** TMPRSS4 ([HGNC:11878](#))**Function**

Plasma membrane-anchored serine protease that directly induces processing of pro-uPA/PLAU into the active form through proteolytic activity (PubMed:24434139). Seems to be capable of activating ENaC (By similarity).

Cellular Location

Cell membrane; Single-pass type II membrane protein

Tissue Location

High levels in pancreatic, gastric, colorectal and ampullary cancer. Very weak expression in normal gastrointestinal and urogenital tract (PubMed:10825129). Coexpressed with ACE2 within mature

enterocytes (PubMed:32404436).

Volume

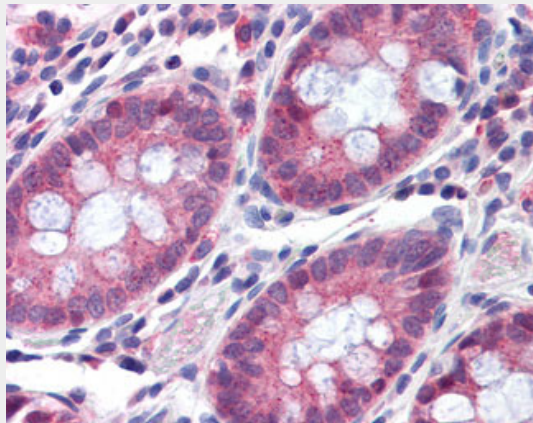
50 μ l

TMPRSS4 Antibody (Internal) - 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](#)

TMPRSS4 Antibody (Internal) - Images



Anti-TMPRSS4 antibody ALS11191 IHC of human colon.

TMPRSS4 Antibody (Internal) - Background

Probable protease. Seems to be capable of activating ENaC (By similarity).

TMPRSS4 Antibody (Internal) - References

- Wallrapp C., et al. *Cancer Res.* 60:2602-2606(2000).
Smeekens S.S., et al. Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Clark H.F., et al. *Genome Res.* 13:2265-2270(2003).
Taylor T.D., et al. *Nature* 440:497-500(2006).