

AP54300PU-N**Polyclonal Antibody to TMPRSS13 (C-term) - Aff - Purified****Alternate names:**

MSP, TMPRSS11, Transmembrane protease serine 13

Quantity:

0.4 ml

Concentration:

lot specific

Background:

TMPRSS13 is a cell membrane serine protease. It is a member of a larger family of membrane attached serine proteases, a poorly defined group that includes TMPRSS11A, B, C, D, E, F, Hepsin, Corin, Matriptase 1, 2 and 3. TMPRSS13 has a domain structure of an aminoterminal cytoplasmic domain, which is much longer than the other TMPRSS family members, followed by a transmembrane domain, an SRCR domain (Scavenger receptor cysteine rich), an LDL receptor like domain, another SRCR domain, followed by the trypsin like serine protease domain. The cytoplasmic domain contains a number of tandem repeat elements, the function of which is not clear, but which may play a regulatory role.

Uniprot ID:[Q9BYE2](#)**NCBI:**[NP_001193719](#)**GenelD:**[84000](#)**Host / Isotype:**

Rabbit / Ig

Immunogen:

KLH conjugated synthetic peptide between 430-460 amino acids from the C-terminal region of human TMPRSS13

Format:**State:** Liquid Ig fraction**Purification:** Protein A column followed by peptide affinity purification**Buffer System:** PBS with 0.09% (W/V) sodium azide**Applications:**

ELISA: 1:1;000.

Western blot: 1:100~500.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody detects TMPRSS13 (C-term).

Species Reactivity:**Tested:** Human**Add. Information:****Molecular Weight:** 62699 Da**Storage:**

Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

TMPRSS13 Antibody (C-term)
(AP54300PU-N) western blot analysis in
HepG2 cell line lysates (35 µg/lane). This
demonstrates the TMPRSS13 antibody
detected the TMPRSS13 protein (arrow).

