

lot specific

Concentration:

Background:

OriGene Technologies, Inc.

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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

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AP54300PU-NPolyclonal Antibody to TMPRSS13 (C-term) - Aff - PurifiedAlternate names:MSP, TMPRSS11, Transmembrane protease serine 13Quantity:0.4 ml

	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:	<u>Q9BYE2</u>	
NCBI:	<u>NP_001193719</u>	
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: Llquid 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.	

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

	AP54300PU-N: Polyclonal Antibody to TMPRSS13 (C-term) - Aff - Purified		
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).	HepG2 95 72 55 - ◀ 36 28	

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