



TMPS5 Polyclonal Antibody

Catalog No	YP-Ab-06998
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TMPRSS5
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TMPS5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Spinesin;TMPRSS 5;TMPRSS-5;TMPRSS5;TMPS5_HUMAN;Transmembrane protease serine 5;Transmembrane protease;serine 5 (spinesin);serine 5; MGC141886;MGC148044;OTTHUMP00000238209;OTTHUMP00000238210; OTTHUMP00000238211;OTTHUMP00000238212;OTTHUMP00000238213; TMPS5;Transmembrane protease serine 5 (EC 3.4.21.-) (Spinesin)
Observed Band	50–55 kDa
Calculated Molecular Weight	50kDa
Cell Pathway	Cell membrane ; Single-pass type II membrane protein .
Tissue Specificity	Brain-specific. Predominantly expressed in neurons, in their axons, and at the synapses of motoneurons in the spinal cord.
Function	disease:Defects in TMPRSS5 may be a cause of deafness.,function:May play a role in hearing.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 1 SRCR domain.,tissue specificity:Brain-specific. Predominantly expressed in neurons, in their axons, and at the synapses of motoneurons in the spinal cord.,

Background

This gene encodes a protein that belongs to the serine protease family. Serine proteases are known to be involved in many physiological and pathological processes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images