

Rabbit TMPRSS3 Polyclonal Antibody | anti-TMPRSS3 antibody

TMPRSS3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200724	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

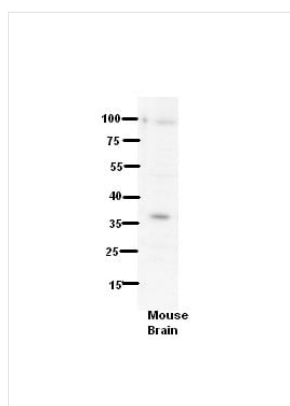
PRODUCT SYNONYMS

TMPRSS3; Polyclonal Antibody; TMPRSS3 antibody - N-terminal region; anti-TMPRSS3 antibody

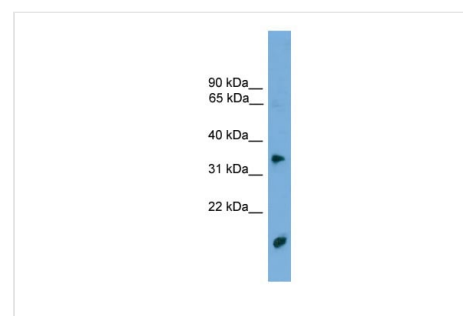
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MG ENDPPAVEAP FSFRSLFGLD DLKISPVPD ADAVAAQILS LLPLKFFP
Sequence Length	344
Applicable Applications for anti-TMPRSS3 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TMPRSS3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TMPRSS3 Antibody Titration: 5% Milk
Positive Control: Mouse Brain lysate


WB (Western Blot)

WB Suggested Anti-TMPRSS3 Antibody Titration: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS3 antibody	This is a rabbit polyclonal antibody against TMPRSS3. It was validated on Western Blot Target Description: This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a serine protease domain, a transmembrane domain, a LDL receptor-like domain, and a scavenger receptor cysteine-rich domain. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified by its association with both congenital and childhood onset autosomal recessive deafness. This gene is expressed in fetal cochlea and many other tissues, and is thought to be involved in the development and maintenance of the inner ear or the contents of the perilymph and endolymph. This gene was also identified as a tumor associated gene that is overexpressed in ovarian tumors. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-TMPRSS3 antibody	Polyclonal; Developmental Biology; Various; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	14602457
NCBI GeneID	64699
NCBI Accession #	NP_115781
NCBI GenBank Nucleotide #	NM_032405
UniProt Accession #	P57727
Molecular Weight	37kDa
NCBI Official Full Name	transmembrane protease serine 3 isoform 3
NCBI Official Synonym Full Names	transmembrane serine protease 3
NCBI Official Symbol	TMPRSS3
NCBI Official Synonym Symbols	DFNB8; DFNB10; ECHOS1; TADG12
NCBI Protein Information	transmembrane protease serine 3
UniProt Protein Name	Transmembrane protease serine 3
UniProt Gene Name	TMPRSS3
UniProt Synonym Gene Names	ECHOS1; TADG12
UniProt Entry Name	TMPS3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.