

Product datasheet for **TA344654**

TMPRSS3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TMPRSS3 antibody: synthetic peptide directed towards the N terminal of human TMPRSS3. Synthetic peptide located within the following region: MGENDPPAVEAPFSRSLFGLDDLKISPVAPDADAVAAQILSLLPLKFFP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	transmembrane protease, serine 3
Database Link:	NP_076927 Entrez Gene 64699 Human P57727



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Background:

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.

Synonyms:

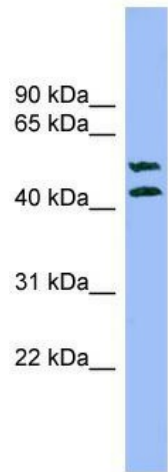
DFNB8; DFNB10; ECHOS1; TADG12

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families:

Druggable Genome, Protease, Transmembrane

Product images:

WB Suggested Anti-TMPRSS3 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive
Control: A549 cell lysate