

Rabbit anti-Human, Mouse TMPRSS3 Polyclonal Antibody | anti-TMPRSS3 antibody

TMPRSS3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327646	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TMPRSS3; Polyclonal Antibody; TMPRSS3 Antibody; Deafness autosomal recessive 10; DFNB10; DFNB8; ECHOS1; Gene similar to transmembrane serine protease; MGC130589; Serine protease TADG-12; si:dz69g10.3; TADG12; TMPRSS 3; TMPS3_HUMAN; Transmembrane protease serine 3; Tumor associated differentially expressed gene 12 protein; Tumor-associated differentially-expressed gene 12 protein; UNQ323/PRO382; anti-TMPRSS3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TMPRSS3 antibody detects endogenous levels of total TMPRSS3
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	453
Applicable Applications for anti-TMPRSS3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TMPRSS3, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using TMPRSS3 Antibody.



IF (Immunofluorescence)

AAA327646 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA327646 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of TMPRSS3 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS3 antibody

Function: Probable serine protease that plays a role in hearing. Acts as a permissive factor for cochlear hair cell survival and activation at the onset of hearing and is required for saccular hair cell survival (By similarity). Activates ENaC (in vitro).
Post-translational Modifications: Undergoes autoproteolytic activation.
Similarity: Belongs to the peptidase S1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	373251166
NCBI GeneID	64699
NCBI Accession #	NP_001243246.1
NCBI GenBank Nucleotide #	NM_001256317.1
UniProt Accession #	P57727; Q5USC7; Q6ZMC3; D3DSJ6
Molecular Weight	49 kDa
NCBI Official Full Name	transmembrane protease serine 3 isoform 4
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmpRSS3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/327646>