

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

TMPRSS3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289722	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

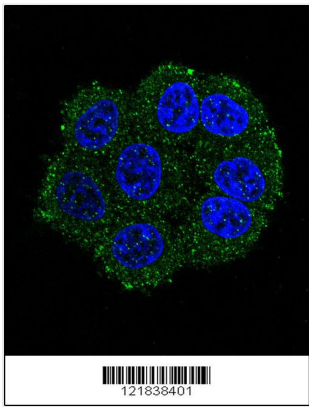
PRODUCT SYNONYMS

TMPRSS3; Polyclonal Antibody; TMPRSS3 Antibody (Center); Transmembrane protease serine 3; 3421-; Serine protease TADG-12; Tumor-associated differentially-expressed gene 12 protein; ECHOS1; TADG12; anti-TMPRSS3 antibody

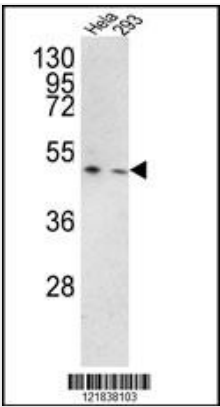
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TMPRSS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 272-300 amino acids from the Central region of human TMPRSS3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	272-300
Sequence Length	538
Applicable Applications for anti-TMPRSS3 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of TMPRSS3 Antibody (Center) with hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
Western blot analysis of TMPRSS3 Antibody (Center) in Hela, 293 cell line lysates (35ug/lane). TMPRSS3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS3 antibody	TMPRSS3 belongs to the serine protease family. This 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.
Product Categories/Family for anti-TMPRSS3 antibody	Cell biology; Neuroscience
References	Elbracht,M., et.al., J. Med. Genet. 44 (6), E81 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	373251166
NCBI GeneID	64699
NCBI Accession #	NP_001243246.1; NP_076927.1; NP_115780.1; NP_115781.1
NCBI GenBank Nucleotide #	NM_001256317.1
UniProt Accession #	P57727; Q5USC7; Q6ZMC3; D3DSJ6
Molecular Weight	49405
NCBI Official Full Name	transmembrane protease serine 3 isoform 4
NCBI Official Synonym Full Names	transmembrane protease, serine 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.

