ARG64377
anti-TMPRSS3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TMPRSS3
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	WB
Specificity	This antibody is expected to recognise all four reported isoforms (NP_076927.1; NP_115777.1; NP_115780.1; NP_115781.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TMPRSS3
Species	Human
Immunogen	C-EKIVYHSKYKPKR
Conjugation	Un-conjugated
Alternate Names	ECHOS1; Transmembrane protease serine 3; DFNB10; Tumor-associated differentially-expressed gene 12 protein; DFNB8; TADG12; EC 3.4.21.-; Serine protease TADG-12

Application Instructions

Application table

Application	Dilution
WB	0.1 - 0.3 µg/ml

Application Note: WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

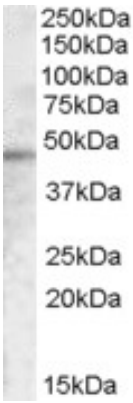
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 64699 Human Swiss-port # P57727 Human
Background	This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a serine protease domain, a transmembrane domain, an 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. [provided by RefSeq, Jan 2012]
Research Area	Cell Biology and Cellular Response antibody; Neuroscience antibody
Calculated Mw	49 kDa
PTM	Undergoes autoproteolytic activation.

Images



ARG64377 anti-TMPRSS3 antibody WB image

Western Blot: A431 cell lysate (35 µg protein in RIPA buffer) stained with ARG64377 anti-TMPRSS3 antibody at 0.1 µg/ml dilution.