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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57684_P050-HRP
Product Page	www.avivasysbio.com/tmprss3-antibody-n-terminal-region-hrp-arp57684-p050-hrp.html
Name	TMPRSS3 Antibody - N-terminal region : HRP (ARP57684_P050-HRP)
Protein Size (# AA)	344 amino acids
Molecular Weight	37kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	64699
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Transmembrane protease, serine 3
Alias Symbols	DFNB8, DFNB10, ECHOS1, TADG12
Peptide Sequence	Synthetic peptide located within the following region: MGENDPPAVEAPFSFRSLFGLDDLKISPVAPDADAVAAQILSLPLKFFP
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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.
Protein Interactions	TMED7; UBC; RXRA; EEF1A1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-TMPRSS3 (ARP57684_P050-HRP) antibody
Blocking Peptide	For anti-TMPRSS3 (ARP57684_P050-HRP) antibody is Catalog# AAP57684 (Previous Catalog # AAPP42114)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TMPRSS3
Uniprot ID	P57727
Protein Name	Potential serine protease TMPRSS3 EMBL AAL56664.1
Publications	Spellman, C., Ahmed, M. M., Dubach, D. & Gardiner, K. J. Expression of trisomic proteins in Down syndrome model systems. <i>Gene</i> 512, 219-225 (2013). WB, Human, Rat, Dog, Horse, Rabbit, Guinea pig, Mouse, Bovine 23103828
Protein Accession #	NP_115781
Purification	Affinity Purified
Nucleotide Accession #	NM_032405
Gene Symbol	TMPRSS3

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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