antibodies - online.com







anti-TMPRSS3 antibody (N-Term)

Images



Publication



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Overview	
Quantity:	100 μL
Target:	TMPRSS3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS3 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TMPRSS3
Sequence:	MGENDPPAVE APFSFRSLFG LDDLKISPVA PDADAVAAQI LSLLPLKFFP
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TMPRSS3. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	TMPRSS3

Target Details

Alternative Name:	TMPRSS3 (TMPRSS3 Products)	
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 onse	
	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.	
	Alias Symbols: DFNB10, DFNB8, ECHOS1, TADG12	
	Protein Interaction Partner: TMED7, UBC, RXRA, EEF1A1,	
NA - La cod - m NA/- i plate	Protein Size: 344	
Molecular Weight:	37 kDa	
Gene ID:	64699	
NCBI Accession:	NM_032405, NP_115781	
UniProt:	Q8WY52	
Pathways:	Sensory Perception of Sound	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 344 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	

Handling

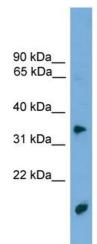
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) (PubMed).

Images



Rabbit Anti-TMPRSS3 Antibody Catalog Number: ARP57684 Lot Number: QC28700 Lane: Jurkat Cell Lysate

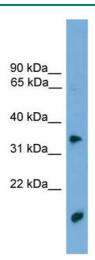
Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1. WB Suggested Anti-TMPRSS3

Antibody Titration: 0.2-1 µg/mL

Positive Control: Jurkat cell lysate

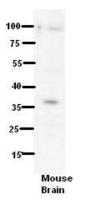


Western Blotting

Image 2. WB Suggested Anti-TMPRSS3 Antibody

Titration: 0.2-1 ug/ml

Positive Control: Jurkat cell lysate



(ARP57684_P050) TMPRSS3

Western Blot Mouse Brain Dilution: 1 to 500 5% Milk Application data in forum

Submitted by: Katheleen Gardiner University of Colorado Denver Image 3.