Datasheet for ABIN1407659

anti-TMPRSS5 antibody (AA 161-260) (Cy5.5)

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Overview

Quantity:	100 µL
Target:	TMPRSS5
Binding Specificity:	AA 161-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS5 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TMPRSS5
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	TMPRSS5
Alternative Name:	TMPRSS5 (TMPRSS5 Products)
Background:	Synonyms: Spinesin, TMPRSS 5, TMPRSS-5, TMPRSS5, TMPS5_HUMAN, Transmembrane

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Target Details

	protease serine 5, Transmembrane protease, serine 5 spinesin, Transmembrane protease, serine 5, MGC141886, MGC148044, OTTHUMP00000238209, OTTHUMP00000238210, OTTHUMP00000238211, OTTHUMP00000238212, OTTHUMP00000238213. Background: Extracellular proteases mediate the digestion of neighboring extracellular matrix components in initial tumor growth, allow desquamation of tumor cells into the surrounding environment, provide the basis for invasion of basement membranes in targeted metastatic organs and are required for release and activation of many growth and angiogenic factors. TMPRSS5 (transmembrane protease, serine 5), also known as spinesin, is a 457 amino acid single-pass type II membrane protein that is expressed specifically in brain and is thought to play a role in hearing. A member of the peptidase S1 family, TMPRSS5 contains one peptidase S1 domain and an SRCR domain, and is encoded by a gene that maps to human chromosome 11q23.2. Defects in the gene encoding TMPRSS5 are associated with deafness.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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