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Datasheet for ABIN6265621

anti-TMPRSS4 antibody (Internal Region)

3 Images

Overview

Quantity:	100 µL
Target:	TMPRSS4
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human TMPRSS4, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TMPRSS4 Antibody detects endogenous levels of total TMPRSS4.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	TMPRSS4
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Target Details

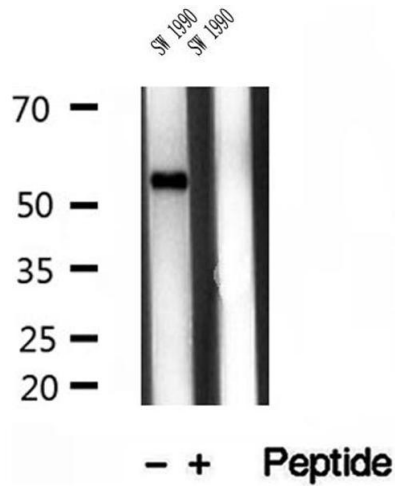
Alternative Name:	TMPRSS4 (TMPRSS4 Products)
Background:	Description: Probable protease. Seems to be capable of activating ENaC (By similarity). Gene: TMPRSS4
Molecular Weight:	55 kDa
Gene ID:	56649
UniProt:	Q9NRS4

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

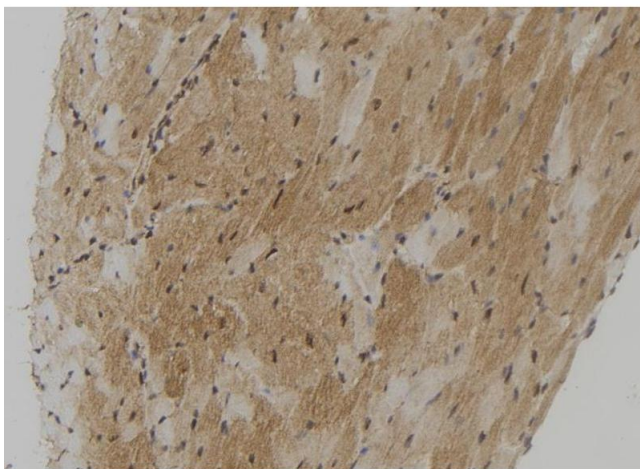
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



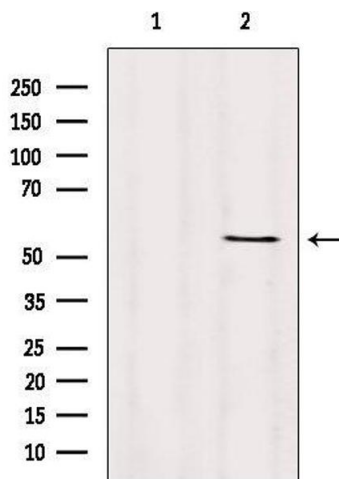
Western Blotting

Image 1. Western blot analysis of extracts of SW 1990 cells, using TMPRSS4 antibody.



Immunohistochemistry

Image 2. ABIN6272881 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 3. Western blot analysis of extracts from Hybridoma cells, using TMPRSS4 Antibody. Lane 1 was treated with the blocking peptide.