Datasheet for ABIN2781305

anti-TSPAN1 antibody (Middle Region)

2 Images

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Overview

Quantity:	100 µL
Target:	TSPAN1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Pig, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPAN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TSPAN1
Sequence:	TMKGLKCCGF TNYTDFEDSP YFKENSAFPP FCCNDNVTNT ANETCTKQKA
Predicted Reactivity:	Cow: 90%, Dog: 91%, Guinea Pig: 77%, Human: 100%, Pig: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TSPAN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TSPAN1
Alternative Name:	TSPAN1 (TSPAN1 Products)

Target Details

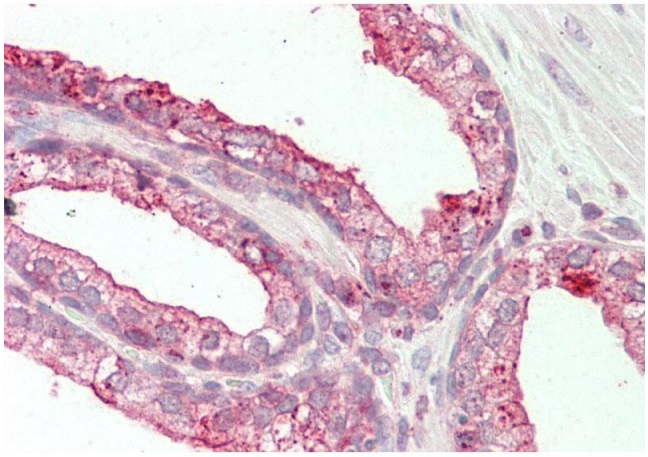
Background:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. Alias Symbols: 9030418M05Rik, NET-1, RP11-322N21.1, TSPAN-1, NET1, TM4C, TM4SF Protein Interaction Partner: NFKBIB, MDK, Protein Size: 241
Molecular Weight:	26 kDa
Gene ID:	10103
NCBI Accession:	NM_005727, NP_005718
UniProt:	O60635

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 241 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
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.



Immunohistochemistry

Image 1. Rabbit Anti-TSPAN1 antibody Catalog Number: ARP43528 Formalin Fixed Paraffin Embedded Tissue: Human Prostate Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

Western Blotting

Image 2. WB Suggested Anti-TSPAN1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate

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