antibodies.com

Datasheet for ABIN2776213 anti-TRPC4 antibody (Middle Region)

5 Images



Overview

Quantity:	100 µL
Target:	TRPC4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TRPC4
Sequence:	CPFKSEKVVV EDTVPIIPKE KHAKEEDSSI DYDLNLPDTV THEDYVTTRL
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 82%, Horse: 77%, Human: 100%, Mouse: 100%, Pig: 85%, Rabbit: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against TRPC4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	TRPC4

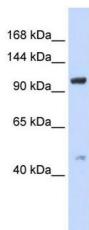
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Target Details	
Alternative Name:	TRPC4 (TRPC4 Products)
Background:	TRPC4 is thought to form a receptor-activated non-selective calcium permeant cation channel TRPC4 probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. It has also been shown to be calcium selective. TRPC4 may also be activated by intracellular calcium store depletion. Alias Symbols: HTRP4, MGC119570, MGC119571, MGC119572, MGC119573, TRP4, HTRP-4 Protein Interaction Partner: UBC, TRPC4AP, TNFRSF1A, TRPC1, ITCH, SLC9A3R1, TJP1, ITPR2 TRPC5, ITPR3, ITPR1, MX1, TRPC4, TRPC6, TRPC3, HOMER3, Protein Size: 977
Molecular Weight:	112 kDa
Gene ID:	7223
NCBI Accession:	NM_016179, NP_057263
UniProt:	Q9UBN4
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 977 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

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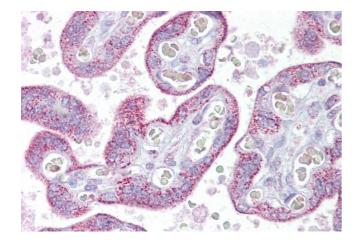
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

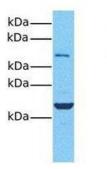
Image 1. WB Suggested Anti-TRPC4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell Iysate



Immunohistochemistry

Image 2. Immunohistochemistry with Placenta tissue at an antibody concentration of 5µg/ml using anti-TRPC4 antibody (ARP35256_P050)

TRPC4



Western Blotting

Image 3. Host: Rabbit Target Name: TRPC4 Sample Tissue: Human 293T Antibody Dilution: 1.0ug/ml

Please check the product details page for more images. Overall 5 images are available for ABIN2776213.

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