

Datasheet for ABIN1537611
anti-TRPC4 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	TRPC4
Binding Specificity:	AA 812-840, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TRPC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 812-840 amino acids from the C-terminal region of human TRPC4.
Clone:	RB36618
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TRPC4
Alternative Name:	TRPC4 (TRPC4 Products)

Target Details

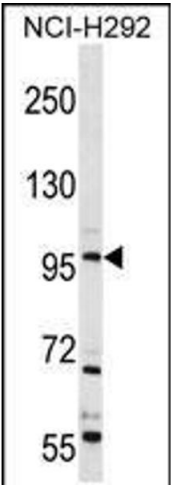
Background:	Form a receptor-activated non-selective calcium permeant cation channel. Acts as a cell-cell contact-dependent endothelial calcium entry channel. Probably operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Mediates cation entry, with an enhanced permeability to barium over calcium. May also be activated by intracellular calcium store depletion.
Molecular Weight:	112101
Gene ID:	7223
NCBI Accession:	NP_001129427 , NP_001129428 , NP_001129429 , NP_001129430 , NP_003297 , NP_057263
UniProt:	Q9UBN4

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	TRPC4 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. TRPC4 Antibody (C-term) (ABIN1537611 and ABIN2848456) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the TRPC4 antibody detected the TRPC4 protein (arrow).