Datasheet for ABIN1537625

anti-TRPC7 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	TRPC7
Binding Specificity:	AA 834-862, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPC7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TRPC7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 834-862 amino acids from the C-terminal region of human TRPC7.
Clone:	RB36854
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TRPC7
Alternative Name:	TRPC7 (TRPC7 Products)
Background:	Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably

Target Details

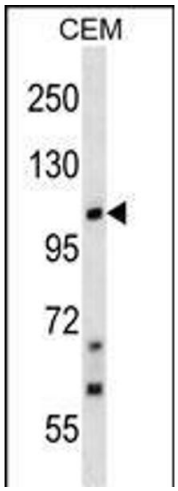
	is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) (By similarity). May also be activated by intracellular calcium store depletion.
Molecular Weight:	99562
Gene ID:	57113
NCBI Accession:	NP_001161048, NP_001161049, NP_065122
UniProt:	Q9HCX4

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:	TRPC7 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. TRPC7 Antibody (C-term) (ABIN1537625 and ABIN2848540) western blot analysis in CEM cell line lysates (35 µg/lane).This demonstrates the TRPC7 antibody detected the TRPC7 protein (arrow).