

Datasheet for ABIN1537584
anti-TRPC1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	TRPC1
Binding Specificity:	AA 765-793, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TRPC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 765-793 amino acids from the C-terminal region of human TRPC1.
Clone:	RB36853
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rb
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TRPC1
Alternative Name:	TRPC1 (TRPC1 Products)

Target Details

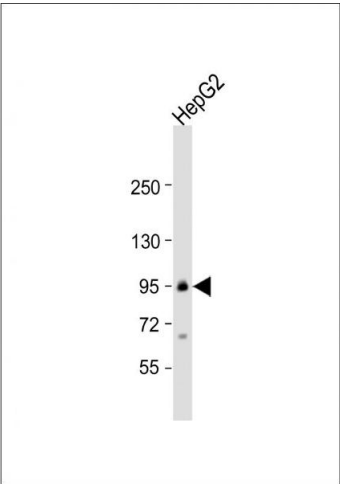
Background:	TRPC1 belongs to the transient receptor potential (TRP) superfamily of cation channels. TRP cation channels are involved in diverse physiologic processes, including receptor- and store-operated Ca(2+) entry, mineral absorption, and cell death. They also function as sensors for pain, heat, cold, sound, stretch, and osmotic changes (Zhang et al., 2009 [PubMed 19193631]).
Molecular Weight:	91212
Gene ID:	7220
NCBI Accession:	NP_001238774 , NP_003295
UniProt:	P48995

Application Details

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

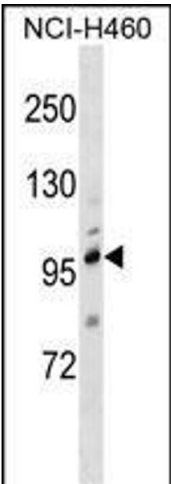
Handling

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:	TRPC1 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. Anti-TRPC1 Antibody (C-term) at 1:1000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 91 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. TRPC1 Antibody (C-term) (ABIN1537584 and ABIN2848539) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the TRPC1 antibody detected the TRPC1 protein (arrow).