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# Datasheet for ABIN185460 anti-TRPC6 antibody (C-Term)

2 Images



## Overview

Quantity:	100 µg
Target:	TRPC6
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TRPC6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	TRPC6
Immunogen:	Peptide with sequence C-EKLSMEPNQEETN, from the C Terminus of the protein sequence according to NP_004612.2.
Sequence:	EKLSMEPNQE ETN
lsotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	TRPC6
Alternative Name:	TRPC6 (TRPC6 Products)
Background:	TRPC6, transient receptor potential cation channel, subfamily C, member 6, HGNC:12338, TRP6, transient receptor potential channel 6, FLJ11098, FLJ14863, FSGS2, TRP6
Gene ID:	7225
NCBI Accession:	NP_004612
Application Details	

Application Notes:	Western Blot: Approx 100 kDa band observed in lysates of cell line A549 (calculated MW of
	106 kDa according to NP_004612.2). Preliminary experiments also showed 100 kDa in Human
	Lung lysates and in lysates of cell line HEK293. This molecular weight is routin
	Peptide ELISA: antibody detection limit dilution 1:2000.
Comment:	Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration:
	10ug/ml.
Postrictions:	

# Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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### **Flow Cytometry**

**Image 1.** ABIN185460 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) fol

### Western Blotting

**Image 2.** ABIN185460 (1µg/ml) staining of A549 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

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