

Anti-TRPC1 Rabbit Monoclonal Antibody

Catalog # ABO15535

Product Information

Application	WB
Primary Accession	P48995
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TRPC1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	7220
Other Names	Short transient receptor potential channel 1, TrpC1, Transient receptor protein 1, TRP-1, TRPC1, TRP1
Calculated MW	91212
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 21T11
Immunogen	A synthesized peptide derived from human TRPC1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

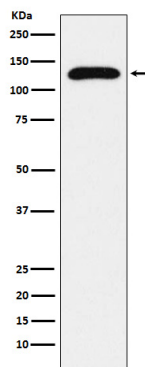
Protein Information

Name	TRPC1
Synonyms	TRP1
Function	Forms a receptor-activated non-selective calcium permeant cation channel (PubMed: 11139478 , PubMed: 15016832 , PubMed: 39478185). Forms a heteromeric ion channel with TRPC4 or TRPC5 that has reduced calcium

permeability compared to the homomeric TRPC4 or TRPC5 channel (PubMed:[39478185](#)). Also permeable to monovalent ions including sodium, lithium and cesium ions (PubMed:[39478185](#)).

Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Seems to be ubiquitous.

Images



Western blot analysis of TRPC1 expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.