

For Research Use Only

TRPC6 Recombinant monoclonal antibody

Catalog Number: 84517-5-RR



Basic Information

Catalog Number: 84517-5-RR	GenBank Accession Number: BC093658	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 7225	CloneNo.: 251552A8
Isotype: IgG	UNIPROT ID: Q9Y210	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:200-1:800
	Full Name: transient receptor potential cation channel, subfamily C, member 6	
	Calculated MW: 931 aa, 106 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : A549 cells, COLO 320 cells, mouse lung tissue, human placenta tissue
	IF/ICC : A549 cells,

Background Information

Transient receptor potential canonical (TRPC) channels mediate the influx of different types of cations through the cell membrane and are involved in many functions of the organism (PMID: 28508319). The TRPC subfamily consists of seven members, TRPC1, TRPC2, TRPC3, TRPC4, TRPC5, TRPC6, TRPC7 (PMID: 32872338). TRPC6 is a Ca(2+)-permeable non-selective cation channel expressed in most human tissues. TRPC6 has been considered as potential therapeutic targets for malignant glioma treatment (PMID: 35489424).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

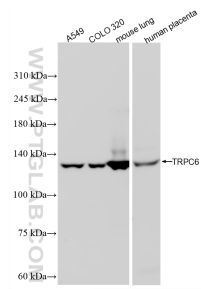
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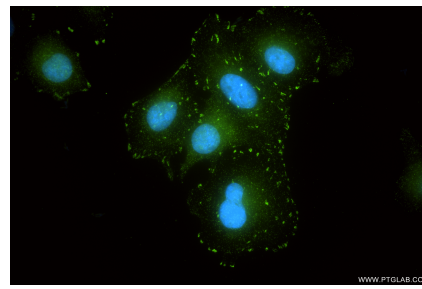
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84517-5-RR (TRPC6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using TRPC6 antibody (84517-5-RR, Clone: 251552A8) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).