

For Research Use Only

TRPV3 Recombinant monoclonal antibody

Catalog Number: 87098-1-RR



Basic Information

Catalog Number: 87098-1-RR	GenBank Accession Number: BC104868	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 162514	CloneNo.: 250990D11
Source: Rabbit	UNIPROT ID: Q8NET8	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: transient receptor potential cation channel, subfamily V, member 3	
	Calculated MW: 791 aa, 91 kDa	
	Observed MW: 90 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, MDA-MB-231 cells
Species Specificity: human	

Background Information

Transient receptor potential cation channel, subfamily V, member 3, also known as TRPV3, is a human gene encoding the protein of the same name. The TRPV3 protein belongs to a family of nonselective cation channels that function in a variety of processes, including temperature sensation and vasoregulation. The thermosensitive members of this family are expressed in subsets of human sensory neurons that terminate in the skin, and are activated at distinct physiological temperatures. The TRPV3 channel has wide tissue expression that is especially high in the skin (keratinocytes) but also in the brain. It functions as a molecular sensor for innocuous warm temperatures. (PMID 12016205)

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

*** 20ul sizes contain 0.1% BSA

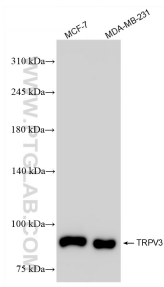
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87098-1-RR (TRPV3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.