

For Research Use Only

TRPV6 Polyclonal antibody

Catalog Number: 31045-1-AP



Basic Information

Catalog Number: 31045-1-AP	GenBank Accession Number: NM_018646	Purification Method: Antigen affinity purification
Size: 550 µg/ml	GeneID (NCBI): 55503	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q9H1D0	
Isotype: IgG	Full Name: transient receptor potential cation channel, subfamily V, member 6	
Immunogen Catalog Number: AG34052	Calculated MW: 87KD	
	Observed MW: 75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PC-3 cells, human placenta tissue, mouse brain tissue, mouse kidney tissue
Species Specificity: Human, mouse	

Background Information

TRPV6, also named as CAT1 or ECaC2, is a member of the transient receptor potential (TRP) family of membrane proteins. Unlike most TRP channels, TRPV6 and its closest relative, TRPV5, are calcium-selective channels. TRPV6 is highly expressed in the proximal intestine, placenta and exocrine tissues (PMID: 12869611). It is probably involved in calcium absorption in various tissues, including calcium reabsorption in kidney. TRPV6 is overexpressed in some cancers and exhibits oncogenic potential.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

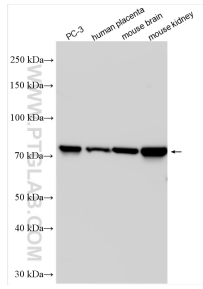
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31045-1-AP (TRPV6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.