

For Research Use Only

TRPV6 Polyclonal antibody

Catalog Number: 31045-1-AP **1 Publications**



Basic Information

Catalog Number: 31045-1-AP	GenBank Accession Number: NM_018646	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	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
Cited Applications: WB	
Species Specificity: Human, mouse	
Cited Species: 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yue Li	39237993	J Nanobiotechnology	WB

Storage

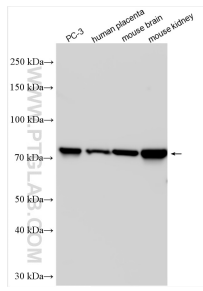
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 31045-1-AP (TRPV6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.