

For Research Use Only

TRPV6 Polyclonal antibody

Catalog Number: 31045-1-AP

1 Publications



Basic Information

Catalog Number:

31045-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34052

GenBank Accession Number:

NM_018646

GeneID (NCBI):

55503

UNIPROT ID:

Q9H1D0

Full Name:

transient receptor potential cation channel, subfamily V, member 6

Calculated MW:

87KD

Observed MW:

75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, mouse

Cited Species:

mouse

Positive Controls:

WB: PC-3 cells, human placenta tissue, mouse brain tissue, mouse kidney tissue

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

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

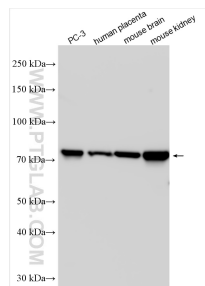
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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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.