

For Research Use Only

TRPC5 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87978-1-PBS



Basic Information

Catalog Number:

87978-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23271

GenBank Accession Number:

BC137271

GeneID (NCBI):

7224

UNIPROT ID:

Q9UL62

Full Name:

transient receptor potential cation channel, subfamily C, member 5

Calculated MW:

111 kDa

Observed MW:

100-111 kDa

Purification Method:

Protein A purification

CloneNo.:

260014C10

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat, pig

Background Information

Short transient receptor potential channel 5 (TRPC5) is abundantly expressed in hippocampal neurons (PMID: 9553080). TRPC5 channels participate in a variety of physiological and pathophysiological processes, covering vascular smooth muscle activity, endothelial function, adiponectin modulation, oxidative stress, epilepsy, anxiety, pain sensation, as well as cardiac remodeling (PMID: 15538613; 22668831; 16685599; 26069213).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

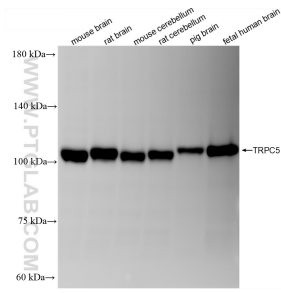
For technical support and original validation data for this product please contact:

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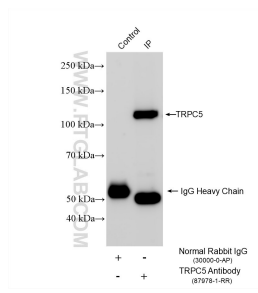
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87978-1-RR (TRPC5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87978-1-PBS in a different storage buffer formulation.



IP result of anti-TRPC5 (IP:87978-1-RR, 4ug; Detection:87978-1-RR 1:800) with rat brain tissue lysate 1720 ug. This data was developed using the same antibody clone with 87978-1-PBS in a different storage buffer formulation.