

For Research Use Only

Kv1.4-Specific Polyclonal antibody, PBS Only

Catalog Number: 19697-1-PBS



Basic Information

Catalog Number:

19697-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002233

GeneID (NCBI):

3739

UNIPROT ID:

P22459

Full Name:

potassium voltage-gated channel, shaker-related subfamily, member 4

Calculated MW:

73 kDa

Observed MW:

68-73 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

KCNA4, also named as KCNA4L, HBK4, HUK1, HK1 and HPCN2, belongs to the potassium channel family and A (Shaker) subfamily. KCN4 mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. The antibody is specific to KCN4.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

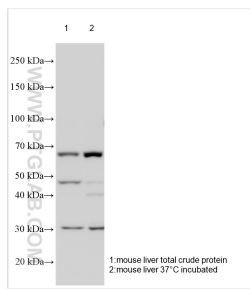
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19697-1-AP (Kv1.4-Specific antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19697-1-PBS in a different storage buffer formulation.