

For Research Use Only

Kv1.4-Specific Polyclonal antibody, PBS Only

Catalog Number: 19697-1-PBS



Basic Information

Catalog Number:

19697-1-PBS

Size:

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

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, HUK1I, 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.

Storage Buffer:

PBS Only

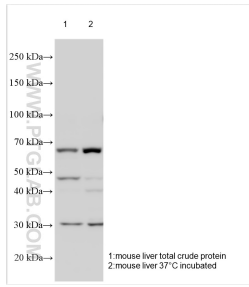
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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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.