

For Research Use Only

KCNA6 Polyclonal antibody, PBS Only

Catalog Number: 31900-1-PBS



Basic Information

Catalog Number:

31900-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35654

GenBank Accession Number:

NM_002235.3

GeneID (NCBI):

3742

UNIPROT ID:

P17658

Full Name:

potassium voltage-gated channel, shaker-related subfamily, member 6

Calculated MW:

59 kDa 529aa

Observed MW:

65 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

The Shaker-like Kv1 potassium channel family comprises 8 α subunits (Kv1.1-Kv1.8), which are key regulators of neuronal excitability in mammals (PMID: 7842011; 9581771; 22612818). Potassium voltage-gated channel subfamily A member 6 (KCNA6, also known as HBK2, Kv1.6, and PPP1R96) is a multi-pass membrane protein that is mainly expressed in the central and peripheral nervous system (PMID: 12042352; 8872310). The concentration of the Kv1.6 channel in the cell membrane can modulate the kinetic properties of Kv1.6-induced K⁺ current (PMID: 14575698).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

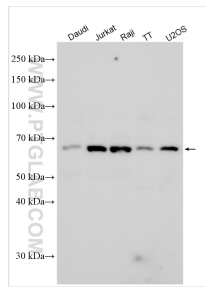
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31900-1-AP (KCNA6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31900-1-PBS in a different storage buffer formulation.