

KCNC4 Rabbit pAb

Catalog No.: A15682

Basic Information

Observed MW

110kDa

Calculated MW

64kDa/68kDa/69kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse

Background

The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. It generates atypical voltage-dependent transient current that may be important for neuronal excitability. Multiple transcript variants have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3749

Swiss Prot

Q03721

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 490-538 of human KCNC4 (NP_004969.2).

Synonyms

KCNC4; C1orf30; HKSHIIC; KSHIIC; KV3.4

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

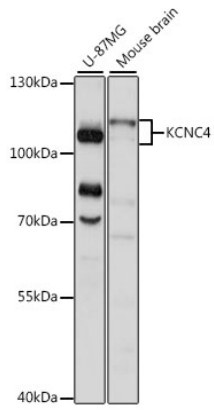
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using KCNC4 antibody (A15682) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.