

Kv3.4(Phospho Ser15) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10801
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Kv3.4 (phospho Ser15)
Mol wt	69767
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Potassium voltage-gated channel subfamily C member 4
Synonyms	Potassium voltage-gated channel subfamily C member 4; KCNC4; Potassium voltage-gated channel subfamily C member 4; KSHIIC; Voltage-gated potassium channel subunit Kv3.4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

IHC-p: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year