

KChIP1 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP04744

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human KCIP1. AA range:1-50

Mol wt 26817

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name KChIP1 Antibody

Synonyms KCNIP1; KCHIP1; VABP; Kv channel-interacting protein 1; KChIP1; A-type potassium channel

modulatory protein 1; Potassium channel-interacting protein 1; Vesicle APC-binding protein

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

Background

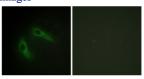
KCNIP1 encodes a member of the family of cytosolic voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the neuronal calcium sensor (NCS) family of the calcium binding EF-hand proteins. They associate with Kv4 alpha subunits to form native Kv4 channel complexes. The potassium voltage-gated channel interacting protein 1 may regulate rapidly inactivating (A-type) currents, and hence neuronal membrane excitability, in response to changes in the concentration of intracellular calcium. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution

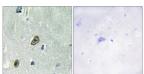
IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HeLa cells, using KCIP1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using KCIP1 Antibody. The picture on the right is blocked with the synthesized peptide.

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com