KCNQ4 Antibody

PACO22515

Product Information

Size:

100ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:3000

Protein Background:

Probably important in the regulation of neuronal excitability. May underlie a potassium current involved in regulating the excitability of sensory cells of the cochlea. KCNQ4 channels are blocked by linopirdin, XE991 and bepridil, whereas clofilium is without significant effect. Muscarinic agonist oxotremorine-M strongly suppress KCNQ4 current in CHO cells in which cloned KCNQ4 channels were coexpressed with M1 muscarinic receptors.

Gene ID:

KCNQ4

Uniprot

P56696

Synonyms:

Potassium voltage-gated channel subfamily KQT member 4; Voltage-gated potassium channel subunit Kv7.4; Potassium channel subunit alpha KvLQT4; KQT-like 4;

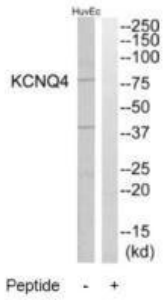
Immunogen:

Synthesized peptide derived from C-terminal of human KCNQ4.

Storage:

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western blot analysis of extracts from HuvEc cells, using KCNQ4 antibody.