

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200

Protein Background:

Voltage-gated potassium channel that mediates transmembrane potassium transport in excitable membranes, primarily in the brain. Mediates the major part of the dendritic A-type current I(SA) in brain neurons. This current is activated at membrane potentials that are below the threshold for action potentials. It regulates neuronal excitability, prolongs the latency before the first spike in a series of action potentials, regulates the frequency of repetitive action potential firing, shortens the duration of action potentials and regulates the back-propagation of action potentials from the neuronal cell body to the dendrites.

Gene ID:

KCND2

Uniprot

Q9NZV8

Synonyms:

Potassium voltage-gated channel subfamily D member 2 (Voltage-gated potassium channel subunit Kv4.2), KCND2, KIAA1044

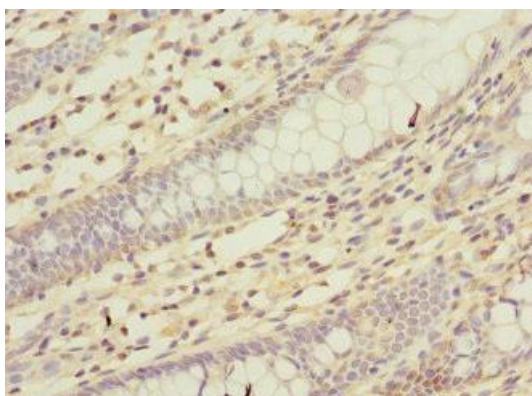
Immunogen:

Recombinant Human Potassium voltage-gated channel subfamily D member 2 protein (501-630AA).

Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunohistochemistry of paraffin-embedded human colon cancer using PACO44192 at dilution of 1:100.