

PACO54802

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC, IF

Recommended dilutions:

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

Protein Background:

Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. May be involved in the transmission of light information from the retina to the hypothalamus.

Gene ID:

GRIK1

Uniprot

P39086

Synonyms:

Glutamate receptor ionotropic, kainate 1 (GluK1) (Excitatory amino acid, receptor 3) (EAA3) (Glutamate receptor 5) (GluR-5) (GluR5), GRIK1, GLUR5

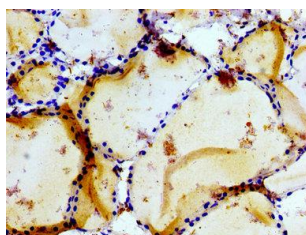
Immunogen:

Recombinant Human Glutamate receptor ionotropic, kainate 1 protein (675-834AA).

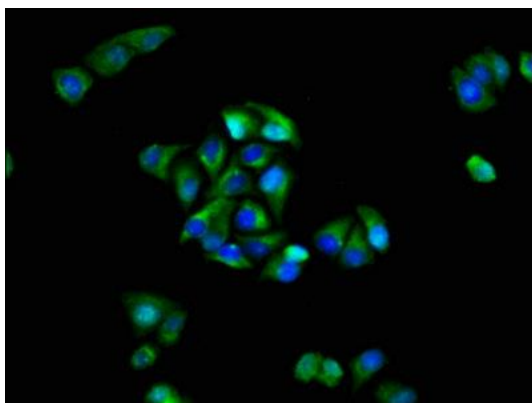
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Immunohistochemistry of paraffin-embedded human thyroid tissue using PACO54802 at dilution of 1:100.



Immunofluorescence staining of HeLa cells with PACO54802 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).