

GRIK2 RABBIT PAB

Cat.#: S222145

Product Name: Anti-GRIK2 Rabbit Polyclonal Antibody

Synonyms: EAA4; GLR6; MRT6; GLUK6; GLUR6; GluK2

UNIPROT ID: Q13002 (Gene Accession - NP_068775)

Background: Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. The subunit encoded by this gene is subject to RNA editing at multiple sites within the first and second transmembrane domains, which is thought to alter the structure and function of the receptor complex. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. Mutations in this gene have been associated with autosomal recessive cognitive disability.

Immunogen: Synthetic peptide of human GRIK2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

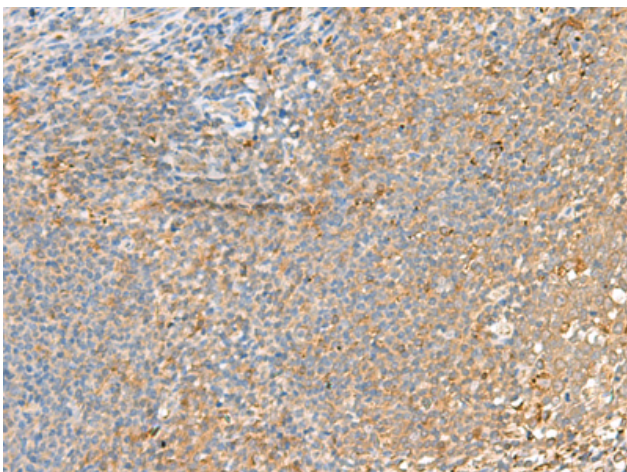
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

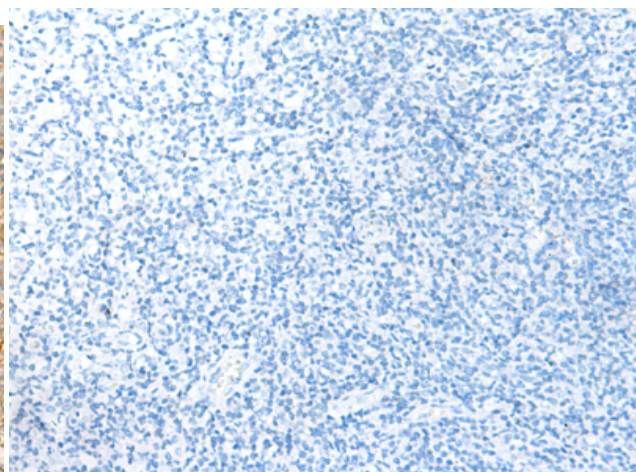
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 222145(GRIK2 Antibody) at a dilution of 1/55(Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 222145(Anti-GRIK2 Antibody) at dilution 1/55.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
