

Product datasheet for **TA370862**

GRIK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: LOVO, Jurkat and 293T cell lysates IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GRIK2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	103 kDa
Gene Name:	glutamate ionotropic receptor kainate type subunit 2
Database Link:	Entrez Gene 2898 Human Q13002



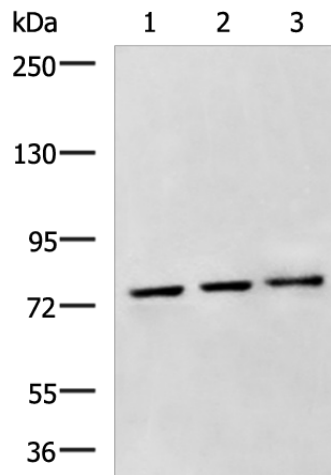
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Background:

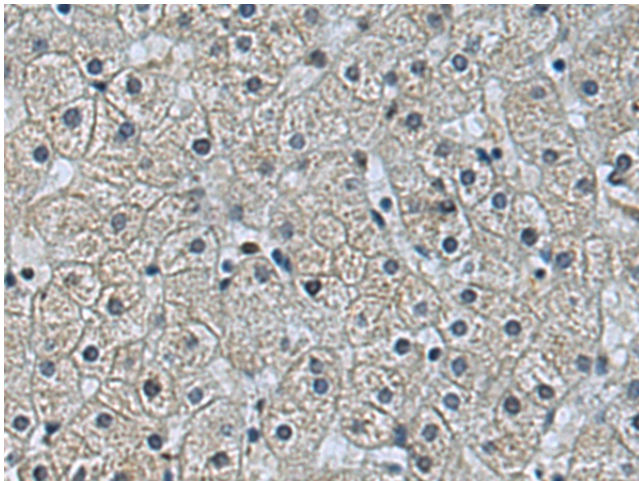
Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated 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.

Synonyms:

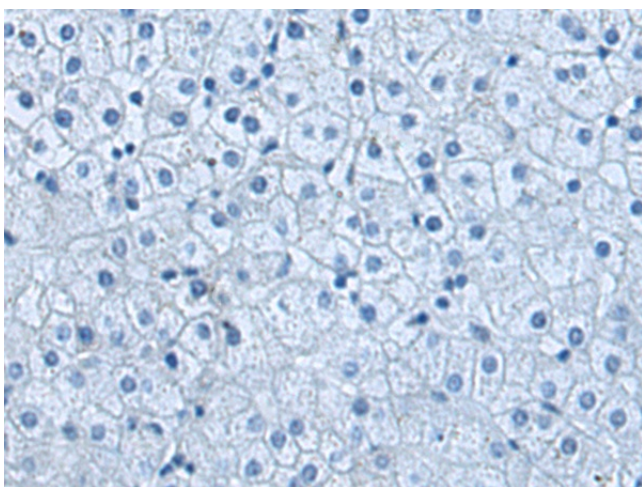
bA487F5.1; EAA4; GLR6; GLUK6; GluR-6; GLUR6; MGC74427; MRT6; OTTHUMP00000017950

Product images:

Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane 1-3: LOVO
Jurkat and 293T cell lysates
Primary antibody: TA370862 (GRIK2 Antibody) at dilution 1/700
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA370862 (GRIK2 Antibody) at dilution 1/100 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA370862 (GRIK2 Antibody) at dilution 1/100, treated with fusion protein. (Original magnification: x200)