

Rabbit anti-Human Glutamate receptor 3 Polyclonal Antibody | anti-GRIA3 antibody

Rabbit anti-human Glutamate receptor 3 polyclonal Antibody(GRIA3)

CATALOG # AAA119086	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Glutamate receptor 3; Polyclonal Antibody; Rabbit anti-human Glutamate receptor 3 polyclonal Antibody(GRIA3); GluR-3; AMPA-selective glutamate receptor 3; GluR-C; GluR-K3; Glutamate receptor ionotropic; AMPA 3; GluA3; GLUR3; GLURC; GRIA3; anti-GRIA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	894
Applicable Applications for anti-GRIA3 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Glutamate receptor 3 protein(151-250AA)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7613 / sc-7612 / sc-34066
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA119086 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA119086 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GRIA3 antibody

Receptor for glutamate that functions as ligand-gated ion channel in the central nervous system and plays an important role in excitatory synaptic transmission. 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. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation of current flux upon continued application of glutamate.

NCBI AND UNIPROT INFORMATION

NCBI GI #	163659858
NCBI GeneID	2892
NCBI Accession #	NP_000819.3
NCBI GenBank Nucleotide #	NM_000828.4
UniProt Accession #	P42263; Q4VXD5; Q4VXD6; Q9HDA0; Q9HDA1; Q9HDA2; Q9P0H1; D3DTF1
Molecular Weight	101,228 Da
NCBI Official Full Name	glutamate receptor 3 isoform 2
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, AMPA 3
NCBI Official Symbol	GRIA3
NCBI Official Synonym Symbols	GLUR3; GLURC; GluA3; MRX94; GLUR-C; GLUR-K3
NCBI Protein Information	glutamate receptor 3
UniProt Protein Name	Glutamate receptor 3
UniProt Gene Name	GRIA3
UniProt Synonym Gene Names	GLUR3; GLURC; GluR-3; GluA3
UniProt Entry Name	GRIA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutamate-receptor-3-antibody-immunohistochemistry-elisa/119086>