

Rabbit anti-Human Glutamate receptor ionotropic, NMDA 2A Polyclonal Antibody | anti-GRIN2A antibody

Rabbit anti-human Glutamate receptor ionotropic, NMDA 2A polyclonal Antibody

CATALOG # AAA229463	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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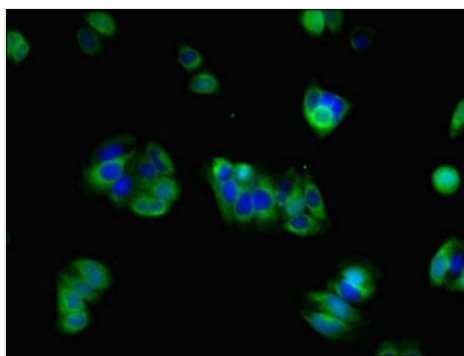
PRODUCT SYNONYMS

Glutamate receptor ionotropic; NMDA 2A; Polyclonal Antibody; Rabbit anti-human Glutamate receptor ionotropic; NMDA 2A polyclonal Antibody; Glutamate [NMDA] receptor subunit epsilon-1; N-methyl D-aspartate receptor subtype 2A; GRIN2A; NMDAR2A; anti-GRIN2A antibody

PRODUCT SPECIFICATIONS

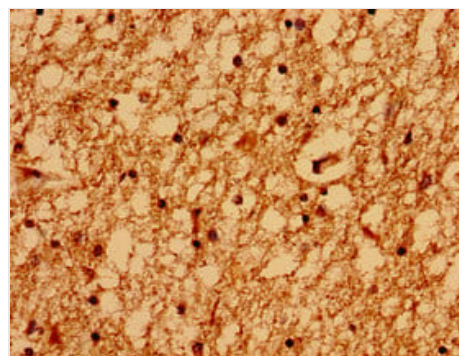
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	1464
Applicable Applications for anti-GRIN2A antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Glutamate receptor ionotropic, NMDA 2A protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1468 / sc-31540 / sc-31541 / sc-31542 / sc-31539 / sc-9056
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



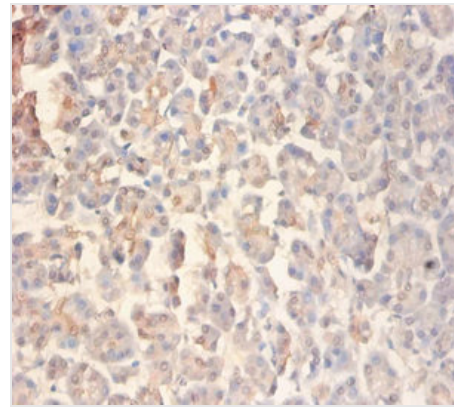
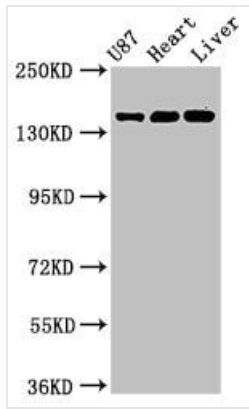
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells 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 brain tissue at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: U87 whole cell lysate, Rat heart tissue, Mouse liver tissue
All lanes: GRIN2A antibody at 3.2ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 166,145 KDa
Observed band size: 166 KDa

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreas using AAA229463 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GRIN2A antibody	NMDA receptor subtype of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. Activation requires binding of agonist to both types of subunits. N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate-gated ion channels. These receptors have been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C) and NMDAR2D (GRIN2D). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-GRIN2A antibody	Transport

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504125
NCBI GeneID	2903
NCBI Accession #	NP_000824.1
NCBI GenBank Nucleotide #	NM_000833.4
UniProt Accession #	Q12879 ; O00669 ; Q17RZ6
Molecular Weight	144,431 Da
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2A isoform 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 2A
NCBI Official Symbol	GRIN2A
NCBI Official Synonym Symbols	LKS; EPND; FESD; NR2A; GluN2A; NMDAR2A
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2A
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2A
UniProt Gene Name	GRIN2A
UniProt Synonym Gene Names	NMDAR2A; GluN2A; NMDAR2A; NR2A; hNR2A
UniProt Entry Name	NMDE1_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-ionotropic-nmda-2a-antibody-immunohistochemistry-elisa/229463>