

Rabbit GRIN2C Polyclonal Antibody | anti-GRIN2C antibody

GRIN2C antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197910	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

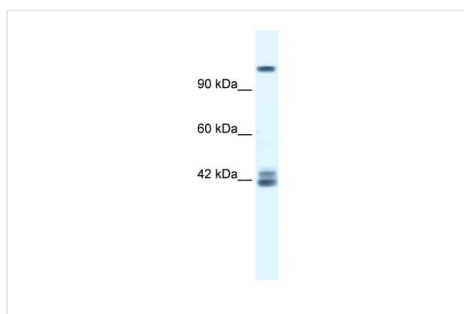
PRODUCT SYNONYMS

GRIN2C; Polyclonal Antibody; GRIN2C antibody - N-terminal region; anti-GRIN2C antibody

PRODUCT SPECIFICATIONS

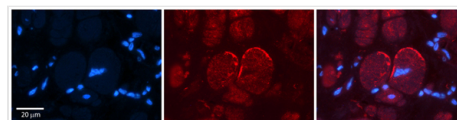
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VN TTNPSLLTQ ICGLLGAHV HGIVFEDNVD TEAVAQILDF ISSQTHVP
Sequence Length	1233
Applicable Applications for anti-GRIN2C antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GRIN2C
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-GRIN2C Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: Jurkat cell lysate
 GRIN2C is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Rabbit Anti-GRIN2C Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
 Observed Staining: Membrane
 Primary Antibody Concentration: 1:100
 Secondary Antibody: Donkey anti-Rabbit-Cy2/3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec
 Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-GRIN2C antibody	This is a rabbit polyclonal antibody against GRIN2C. It was validated on Western Blot using a cell lysate as a positive control. Target Description: N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA channel has 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).
Product Categories/Family for anti-GRIN2C antibody	Polyclonal; Ion Channel; Signal Proteins; Membrane Protein; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770854
NCBI GeneID	2905
NCBI Accession #	NP_000826
NCBI GenBank Nucleotide #	NM_000835
UniProt Accession #	Q14957
Molecular Weight	136kDa
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2C isoform 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 2C
NCBI Official Symbol	GRIN2C
NCBI Official Synonym Symbols	NR2C; GluN2C; NMDAR2C
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2C
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2C
UniProt Gene Name	GRIN2C
UniProt Synonym Gene Names	NMDAR2C; GluN2C; NMDAR2C; NR2C
UniProt Entry Name	NMDE3_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://www.aaabiotech.com/polyclonal/grin2c-antibody-immunohistochemistry-western-blot-elisa/197910>