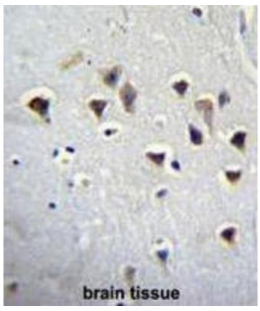
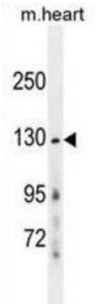
Glutamate Receptor Ionotropic, NMDA 2A (GRIN2A) Antibody

Catalogue No.:abx026212





NMDA (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.

Target:	Glutamate Receptor Ionotropic, NMDA 2A (GRIN2A)
Clonality:	Polyclonal
Reactivity:	Mouse
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 1057-1084 amino acids from the Central region of human GRIN2A.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q12879 (UniProt, ExPASy)
KEGG:	hsa:2903
String:	9606.ENSP00000379818
Molecular Weight:	Calculated MW: 165 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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