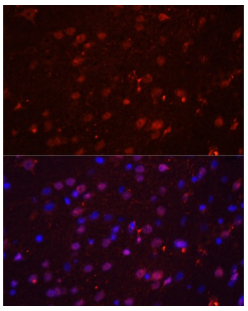
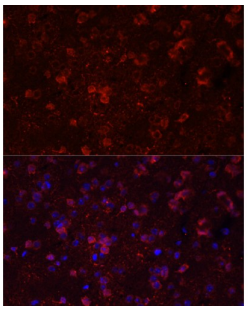
Glutamate Receptor Ionotropic, NMDA 2B (GRIN2B) Antibody

Catalogue No.:abx002204



Immunofluorescence analysis of Rat brain using GRIN2B Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Mouse brain using GRIN2B Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

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GRIN2B Antibody is a Rabbit Polyclonal antibody against GRIN2B. NMDA (NMDA) Receptors are a class of Ionotropic glutamate Receptors. NMDA Receptor 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 three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This Receptor is the predominant excitatory neurotransmitter Receptor in the mammalian brain.

Target:	Glutamate Receptor Ionotropic, NMDA 2B (NMDAR2B)
Clonality:	Polyclonal
Reactivity:	Mouse, Rat
Tested Applications:	IF/ICC
Host:	Rabbit
Recommended dilutions:	IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to human GRIN2B
Isotype:	IgG

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Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q13224 (UniProt, ExPASy)
Gene Symbol:	GRIN2B
GeneID:	2904
NCBI Accession:	NP_000825.2
KEGG:	hsa:2904
String:	9606.ENSP00000477455
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
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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