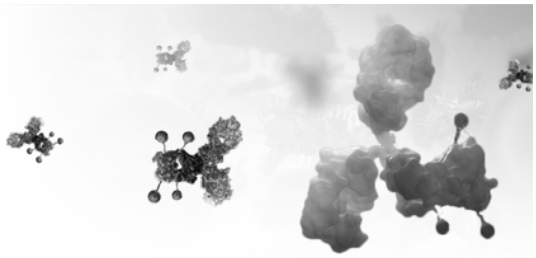

Rabbit Anti-Human NMDAR1 monoclonal antibody, clone 2I24M4 (CABT-L1328)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with mouse and rat based on sequence homology.
Target	GRIN1
Immunogen	Recombinant protein corresponding to amino acids 834-938 of human NMDA Receptor 1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	2I24M4
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

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Introduction	NMDA Receptor 1 (N-methyl-D-aspartate receptor 1) which belongs to the glutamate receptor channel superfamily, in humans is encoded by gene GRIN1 (Glutamate [NMDA] receptor subunit zeta-1) located on chromosome 9q34.3. Different NRI subunits are expressed by splicing of the GRINI gene sequence. Glutamate receptors are highly permeable to Ca+, important for controlling plasticity, memory and learning. NMDA receptors are important for the functioning of the nervous system.
Keywords	GRIN1;glutamate receptor, ionotropic, N-methyl D-aspartate 1;NR1;MRD8;GluN1;NMDA1;NMDAR1;glutamate receptor ionotropic, NMDA 1;NMD-R1;glutamate [NMDA] receptor subunit zeta 1

GENE INFORMATION

Entrez Gene ID	2902
UniProt ID	Q05586

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