Phospho-GRIN2B-Y1474 Rabbit Polyclonal Antibody

CABP0357

Product Information

Product SKU:	CABP0357	**Gene ID**:	2904	**Size**:	20uL, 100uL
Clone No:	-	**Host Species:**	Rabbit	**Reactivity**:	Human

Additional Information

Observed MW:	200kDa	**Conjugate:**	Unconjugated
Calculated MW:	166kDa	**Isotype:**	IgG

Immunogen Information

Background:	This gene encodes a member of the N-methyl-D-aspartate (NMDA) receptor family within the ionotropic glutamate receptor superfamily. The encoded protein is a subunit of the NMDA receptor ion channel which acts as an agonist binding site for glutamate. The NMDA receptors mediate a slow calcium-permeable component of excitatory synaptic transmission in the central nervous system. The NMDA receptors are heterotetramers of seven genetically encoded, differentially expressed subunits including NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The early expression of this gene in development suggests a role in brain development, circuit formation, synaptic plasticity, and cellular migration and differentiation. Naturally occurring mutations within this gene are associated with neurodevelopmental disorders including autism spectrum disorder, attention deficit hyperactivity disorder, epilepsy, and schizophrenia.
Recommended Dilution:	WB,1:500 - 1:2000
Synonyms:	NR3; MRD6; NR2B; hNR3; DEE27; EIEE27; GluN2B; NMDAR2B; Phospho-GRIN2B-Y1474
Purifcation Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around Y1474 of human GRIN2B (NP_000825.2).
Storage:	Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

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