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Product datasheet for TA326537

Grin2a Mouse Monoclonal Antibody [Clone ID: S327-95]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S327-95
Recommended Dilution:	WB: 1:1000
Reactivity:	Rat, Mouse, Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 75-325 (extracellular N-terminus) of rat GluN2A/NR2A
Formulation:	PBS pH7.4, 50% glycerol
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	glutamate ionotropic receptor NMDA type subunit 2A
Database Link:	NP_036705 Entrez Gene 2903 HumanEntrez Gene 14811 MouseEntrez Gene 24409 Rat Q00959
Background:	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate-gated ion channels. Thesereceptors have been shown to be involved in long-term potentiation, an activity-dependent increase in theefficiency 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).
Synonyms:	hNR2A; NMDAR2A; NR2A; OTTHUMP00000160135; OTTHUMP00000174531
Note:	Detects ~170kDa. Does not react with NR2B.

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