

Product datasheet for **TA313307**

NMDAR2B (GRIN2B) Rabbit Polyclonal Antibody

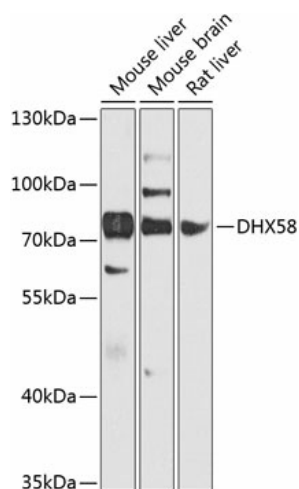
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:10000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human NMDAR2B around the phosphorylation site of tyrosine 1336 (S-P-YP-A-H).
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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 2B
Database Link:	NP_000825 Entrez Gene 14812 Mouse Entrez Gene 24410 Rat Entrez Gene 2904 Human Q13224
Synonyms:	EIEE27; GluN2B; hNR3; MRD6; NMDAR2B; NR2B
Note:	NMDAR2B (Phospho-Tyr1336) antibody detects endogenous levels of NMDAR2B only when phosphorylated at tyrosine 1336.
Protein Families:	Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane

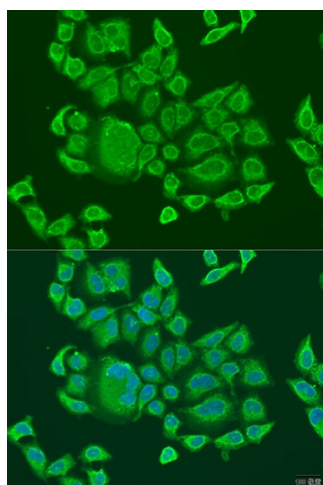

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Protein Pathways:

Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Huntington's disease, Long-term potentiation, Neuroactive ligand-receptor interaction, Systemic lupus erythematosus

Product images:


Western blot analysis of various lysates



Immunofluorescence analysis of U2OS cells using DHX58 Rabbit pAb (TA313307) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.