



NMDAR1 (Phospho-Ser896) Antibody

E11-0693A

Catalog Number: E11-0693A

Concentration: 1mg/ml

Swiss-Prot No.: Q05586

Other Names: GLURZ1; Glutamate [NMDA] receptor subunit zeta 1 precursor; GRIN1; N-methyl-D-aspartate receptor; NMD-R1; NMDZ1; NMZ1; NR1

All Sites: Human: Ser897; Mouse: Ser897; Rat: Ser897

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human NMDAR1 around the phosphorylation site of serine 896 (R-R-S^P-S-K).

Purification: The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: NMDAR1 (Phospho-Ser896) antibody detects endogenous levels of NMDAR1 only when phosphorylated at serine 896.

Reactivity: Human, Mouse, Rat

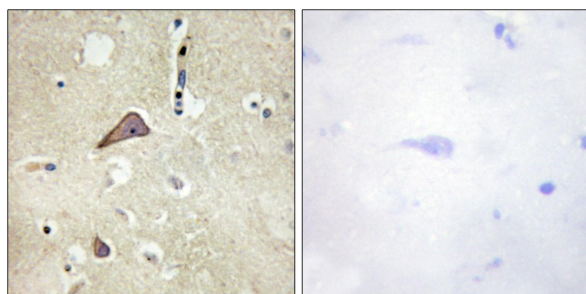
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:40000

References:

Foldes R.L., Gene 131:293-298(1993).

Karp S.J., J. Biol. Chem. 268:3728-3733(1993).

Planells-Cases R., Proc. Natl. Acad. Sci. U.S.A. 90:5057-5061(1993).

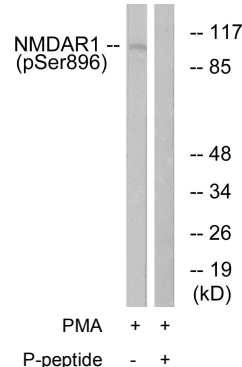


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using NMDAR1 (Phospho-Ser896) antibody.



Western blot analysis of extracts from K562 cells, treated with PMA (125ng/ml, 30mins), using NMDAR1 (Phospho-Ser896) antibody.

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