

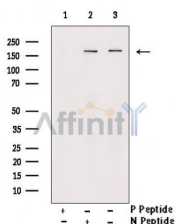
## Phospho-NMDAR2B (Tyr1070) Ab

Cat.#: AF4464  
Size: 100ul, 200ul

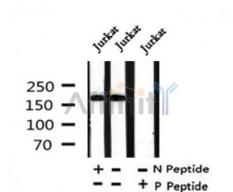
Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 165kDa  
Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-NMDAR2B (Tyr1070) Ab detects endogenous levels of NMDAR2B only when phosphorylated at Tyr1070.
Immunogen:	A synthesized peptide derived from human NMDAR2B around the phosphorylation site of Tyr1070.
Uniprot:	Q13224
Subcellular Location:	Cell membrane. Cell junction > synapse > postsynaptic cell membrane.
Tissue Specificity:	Primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells, lower expression in the basal ganglia.
Similarity:	A hydrophobic region that gives rise to the prediction of a transmembrane span does not cross the membrane, but is part of a discontinuously helical region that dips into the membrane and is probably part of the pore and of the selectivity filter. Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2B/GRIN2B subfamily. [View classification]
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Jurkat, using Phospho-NMDAR2B (Tyr1070) Ab. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



Western blot analysis of Phospho-NMDAR2B (Tyr1070) in lysates of Jurkat , using Phospho-NMDAR2B (Tyr1070) Ab(AF4464).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.