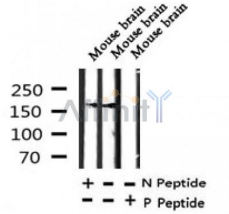
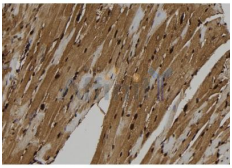
Phospho-NMDAR2A (Tyr943) Ab

Cat.#: AF7362	Concn.: 1mg/ml	Mol.Wt.: 165kDa
Size: 50ul,100ul,200ul	Source: Rabbit	Clonality: Polyclonal

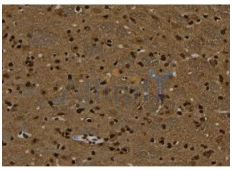
Application:	WB 1:500-1:2000, IHC 1:50-1:200
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-NMDAR2A (Tyr943) Ab detects endogenous levels of NMDAR2A only when phosphorylated at Tyr943
Immunogen:	A synthesized peptide derived from human NMDAR2A around the phosphorylation site of Tyr943
Uniprot:	Q12879
Subcellular Location:	Cell membrane. Cell junction > synapse > postsynaptic cell membrane.
Similarity:	Contains an N-terminal domain, a ligand-binding domain and a transmembrane domain. Agonist binding to the extracellular ligand-binding domains triggers channel gating.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. NR2A/GRIN2A 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 of Mouse brain tissue sample,using Phospho-NMDAR2A (Tyr943) Ab(AF7362).



AF7362 at 1/100 staining mouse heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF7362 at 1/100 staining rat brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

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