



Catalog Number:	RA25037	Host:	Rabbit
Product Type:	Lyophilized Polyclonal Antibody	Species Reactivity:	Rat; Human
Immunogen Sequence:	C-terminal fusion protein representing amino acids 1253 - 1391 of rat NMDAR2A.	Format:	10 ug lyophilized antibody.

Applications: Immunohistochemistry: 1:1000
Western Blot : 1:1000-1:2000
Immunoprecipitation: 3 ul will (under appropriate conditions) quantitatively immunoprecipitate all NMDAR2A in 200 mg of rat brain.

Dilutions listed only as a recommendation. Optimal dilution should be determined by investigator.

Storage: Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

Application Notes

Antibody can be used to demonstrate that both the NR2A is highly enriched in hippocampus compared to either cortex or cerebellum.

Western blot:

A band is seen at ~ 180 kDa representing the NMDAR2A.

Immunohistochemical:

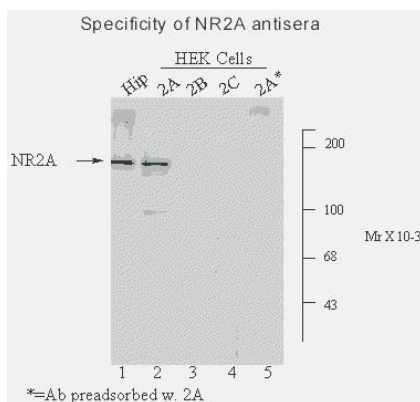
Analysis can be performed using frozen or fixed tissue sections.

Immunohistochemistry:

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Image: NMDAR2A Western Blot Analysis:

Lane 1: Rat Hippocampus
Lane 2: HEK cells transfected with NMDA NR2A
Lane 3: HEK cells transfected with NMDA NR2B
Lane 4: HEK cells transfected with NMDA NR2C
Lane 5: same as Lane 2 but antibody preabsorbed with NMDA NR2A



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