

Anti-NMDAR2A Antibody (40151)

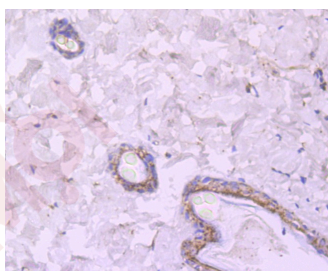
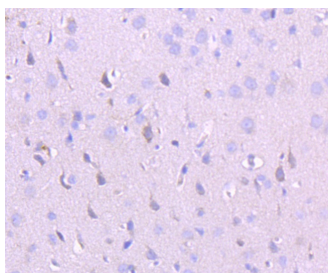
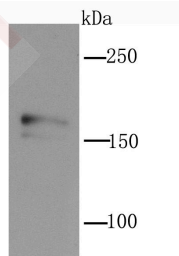
Product Details

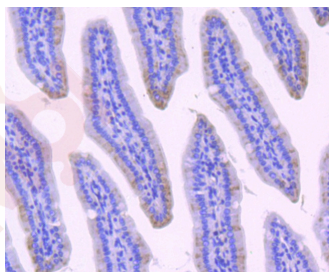
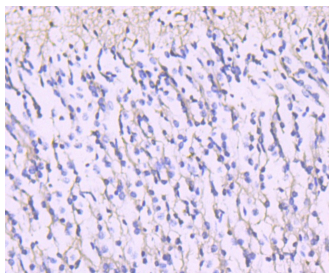
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 165 kDa.
Clone:	40151
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of NMDAR2A on rat brain tissue lysate using anti-NMDAR2A antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-NMDAR2A antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded rat skin tissue using anti-NMDAR2A antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human brain tissue using anti-NMDAR2A antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-NMDAR2A antibody. Counter stained with hematoxylin.





Application: IHC,WB
Recommended WB: 1:500; IHC: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein
Uniprot ID: Q12879
OTTHUMP00000160135;NMDAR 2A;GRIN 2A;Glutamate receptor;NMDA Receptor Type 2A; Glutamate receptor ionotropic N methyl D aspartate 2A;N methyl D aspartate receptor channel, subunit epsilon 1;Glutamate [NMDA] receptor subunit epsilon 1;NMDAR2A;NMDA receptor subtype 2A;N Methyl D Aspartate Receptor Subtype 2A;NMDE1;GRIN2A;HNR2A;NR 2A;NR2A; OTTHUMP00000174531

Research Background

NMDAR2A is a member of the glutamate-gated ion channel protein family. The encoded protein is an N-methyl-D-aspartate (NMDA) receptor subunit. NMDA receptors are both ligand-gated and voltage-dependent, and are involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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