

Catalog #: 51650

Aliases

NMDAR1; Glutamate receptor ionotropic, NMDA 1; GluN1; Glutamate [NMDA] receptor subunit zeta-1; N-methyl-D-aspartate receptor subunit NR1; NMD-R1

Background

Gene Name: GRIN1

NCBI Gene Entry: [2902](#)

UniProt Entry: [Q05586](#)

Application Information

Molecular Weight: Predicted, 105 kDa; observed, 105 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, dog

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human NMDAR1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:200

Note: This product is for research use only.

Validation Data

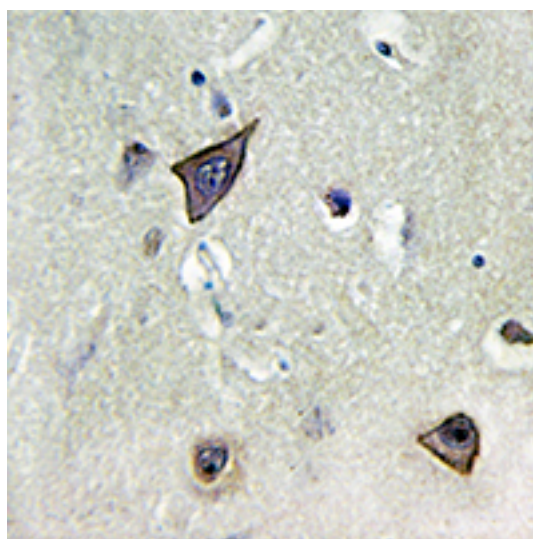
SUPPORT

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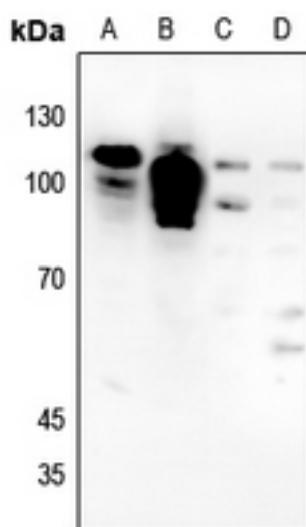
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Immunohistochemical analysis of NMDAR1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of NMDAR1 expression in HEK293T (A), HGC27 (B), mouse testis (C), rat lung (D) whole cell lysates.