

Catalog #: 51984

Aliases

GluN2D; NMDAR2D; Glutamate receptor ionotropic NMDA 2D; GluN2D; EB11; Glutamate [NMDA] receptor subunit epsilon-4; N-Methyl-D-aspartate receptor subtype 2D; NMDAR2D; NR2D

Background

Gene Name: GRIN2D

NCBI Gene Entry: [2906](#)

UniProt Entry: [O15399](#)

Application Information

Molecular Weight: Predicted, 143 kDa; observed, 170 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human NMDAR2D

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

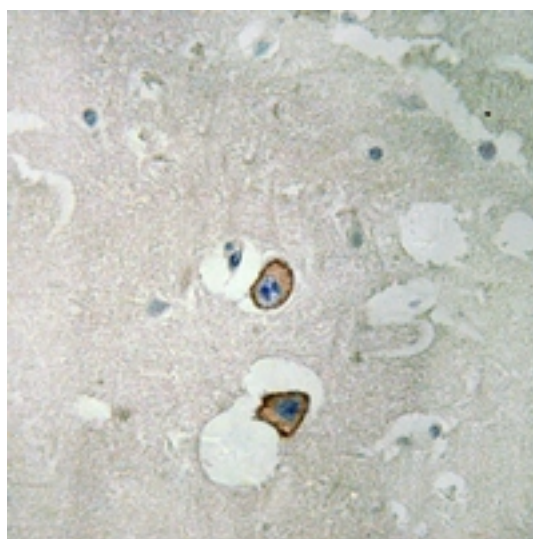
SUPPORT

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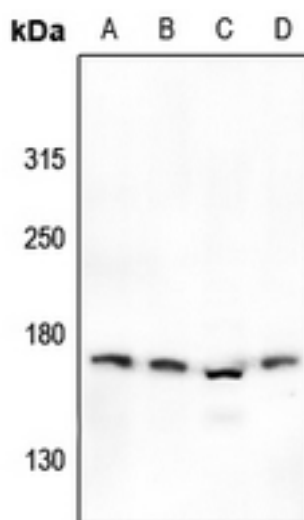
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Immunohistochemical analysis of NMDAR2D staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with 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 NMDAR2D expression in PC3 (A), A549 (B), 3T3L1 (C), PC12 (D) whole cell lysates.