Anti-NMDAR2D Rabbit Polyclonal Antibody

Catalog #: 51571

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, 165 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, monkey
Applications Tested: Western blotting (WB), immunocytochemistry (IC)

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

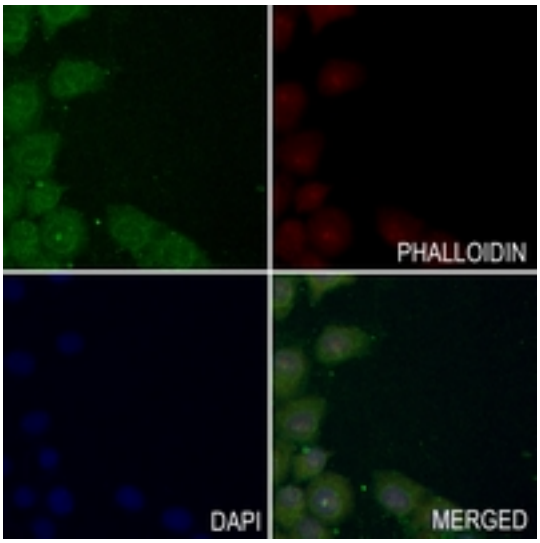
Store at -20 °C for one year.

Recommended Dilutions

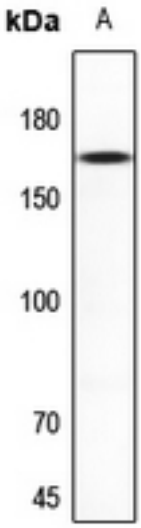
Western Blotting (WB): 1:500-1:1,000
Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

Validation Data



Immunocytochemical analysis of NMDAR2D staining in LO2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of NMDAR2D expression in A549 (A) whole cell lysates.