

Product Datasheet

Anti-NMDAR2D Antibody (orb393066)

Description	Rabbit polyclonal antibody to GRIN2D.
Species/Host	Rabbit
Reactivity	Human, Mouse, Primate, Rat
Conjugation	Unconjugated
Tested Applications	IF, WB
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NMDAR2D. The exact sequence is proprietary.
Target	GRIN2D
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	Q62645, O15399, Q03391
Entrez	14814, 2906, 24412
Dilution Range	WB: 1:500:1000

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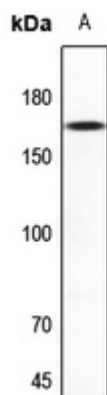
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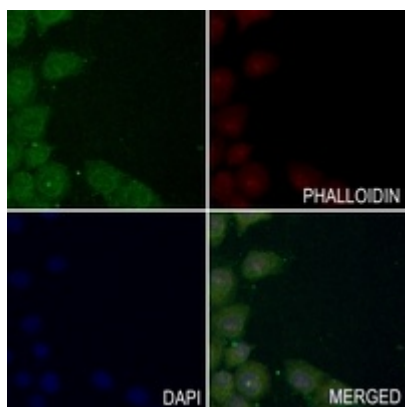
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Expiration Date

12 months from date of receipt.



Western blot analysis of NMDAR2D expression in A549 (A) whole cell lysates. (Predicted band size: 143 kD; Observed band size: 165 kD)



Immunofluorescent 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 humidified 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).

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