

## Product Datasheet

# NMDAR1 Antibody

Catalog No: CY3631

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC



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### Information

**UniProt ID:** Q05586

**All Names:** GLURZ1, GRIN1, Glutamate [NMDA] receptor subunit zeta 1 precursor, N-methyl-D-aspartate receptor, NMD-R1, NMDZ1, NMZ1, NR1

**Molecular weight:** 105372.8

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 120kDa

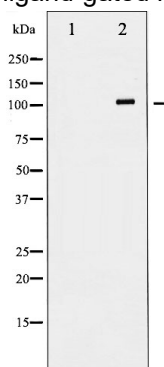
### Application

WB 1:500-1:2000

IHC 1:50-1:200

### Background

The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. The



Western blot analysis of NMDAR1 expression in Jurkat whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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