

# Glutamate receptor ionotropic, NMDA 2A Polyclonal Conjugated Antibody

Catalog No: #C42576

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Package Size: #C42576-AF350 100ul #C42576-AF405 100ul #C42576-AF488 100ul

#C42576-AF555 100ul #C42576-AF594 100ul #C42576-AF647 100ul

#C42576-AF680 100ul #C42576-AF750 100ul #C42576-Biotin 100ul

## Description

Product Name	Glutamate receptor ionotropic, NMDA 2A Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Glutamate receptor ionotropic, NMDA 2A polyclonal antibody.
Immunogen Description	Recombinant human Glutamate receptor ionotropic, NMDA 2A protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Glutamate [NMDA] receptor subunit epsilon-1,N-methyl D-aspartate receptor subtype 2A,GRIN2A,NMDAR2A
Accession No.	Swiss-Prot#:Q12879
Uniprot	Q12879
GeneID	2903;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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NMDA receptor subtype of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. Activation requires binding of agonist to both types of subunits.

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Note: This product is for in vitro research use only