NMDAR2B (Phospho-Tyr1336) Antibody FITC Conjugated

Catalog No: #C05728F

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	NMDAR2B (Phospho-Tyr1336) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 1310-1360 1484 derived from human NMDAR2B around the phosphorylation site of Tyr1336
Conjugates	FITC
Target Name	NMDAR2B Tyr1336
Other Names	MRD6; NR2B; hNR3; GluN2B; NMDAR2B; Glutamate receptor ionotropic, NMDA 2B; Glutamate [NMDA] receptor subunit epsilon-2; N-methyl D-aspartate receptor subtype 2B; N-methyl-D-aspartate receptor subunit 3; NR3; GRIN2B
Accession No.	Swiss-Prot#Q13224NCBI Gene ID2904
Uniprot	Q13224
GeneID	2904;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine. In concert with DAPK1 at extrasynaptic sites, acts as a central mediator for stroke damage. Its phosphorylation at Ser-1303 by DAPK1 enhances synaptic NMDA receptor channel activity inducing injurious Ca2+ influx through them, resulting in an irreversible neuronal death (By similarity).

Note: This product is for in vitro research use only