GRIN2B(Ab-1303) Conjugated Antibody

Catalog No: #C33300

Package Size: #C33300-AF350 100ul #C33300-AF405 100ul #C33300-AF488 100ul #C33300-AF555 100ul #C33300-AF594 100ul #C33300-AF647 100ul #C33300-AF680 100ul #C33300-AF750 100ul #C33300-Biotin 100ul

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

Description

Product Name	GRIN2B(Ab-1303) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total GRIN2B protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human GRIN2B around the phosphorylation site of serine 1303 (Q-H-S(p)-Y-D).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Glutamate [NMDA] receptor subunit epsilon 2 precursor;GRIN2B;hNR3;N-methyl D-aspartate receptor subtype 2B;N-methyl-D-aspartate receptor subtype 2B
Accession No.	Swiss-Prot#:Q13224NCBI Gene ID:2904
Uniprot	Q13224
GeneID	2904;
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
Calculated MW	166
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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