

Immunotag™ GRID2 Antibody

Antibody Specification	
Catalog No.	ITA4481
Product Description	Immunotag™ GRID2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GRID2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	GRID2 Antibody detects endogenous levels of total GRID2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GRID2
Accession No.	O43424
Alternate Names	delta-2; GluD2; GLUR D2; GluR delta 2; GluR delta-2 subunit; GLURD 2; GLURD2; Glutamate receptor delta 2 subunit; Glutamate receptor ionotropic; Glutamate receptor ionotropic delta 2; GRID 2; Grid2; GRID2_HUMAN; MGC117022; MGC117023; MGC117024;

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Description	Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists. Promotes synaptogenesis and mediates the D-Serine-dependent long term depression signals and AMPA receptor endocytosis of cerebellar parallel fiber-Purkinje cell (PF-PC) synapses through the beta-NRX1-CBLN1-GRID2 triad complex (PubMed:27418511).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	113 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.