

## Immunotag™ DLG2 Antibody

Antibody Specification	
Catalog No.	ITA4875
Product Description	Immunotag™ DLG2 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	DLG2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	DLG2 Antibody detects endogenous levels of total DLG2
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	DLG2
Accession No.	Q15700
Alternate Names	Channel associated protein of synapse 110; Channel associated protein of synapses 110kD; Channel-associated protein of synapse-110; Chapsyn 110; Chapsyn-110; Chapsyn110; Discs, large homolog 2 (Drosophila); Disks large homolog 2; DKFZp781D1854; DKFZp781E0954; Dlg 2; dlg2; DLG2_HUMAN; Dlgh 2; Dlgh2; FLJ37266; Gm1197; MGC131811; Postsynaptic density protein PSD 93; Postsynaptic density protein PSD-93; Postsynaptic density protein PSD93; PSD 93; PSD93;

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Description	Required for perception of chronic pain through NMDA receptor signaling. Regulates surface expression of NMDA receptors in dorsal horn neurons of the spinal cord. Interacts with the cytoplasmic tail of NMDA receptor subunits as well as inward rectifying potassium channels. Involved in regulation of synaptic stability at cholinergic synapses. Part of the postsynaptic protein scaffold of excitatory synapses (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	98 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.