

Immunotag™ GRM2 Antibody

Antibody Specification	
Catalog No.	ITA2506
Product Description	Immunotag™ GRM2 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	GRM2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human GRM2
Specificity	GRM2 Antibody detects endogenous levels of total GRM2
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	GRM2
Accession No.	Q14416
Alternate Names	AMPA selective glutamate receptor 2; GLUR2; GLURB; Glutamate metabotropic receptor 2; Glutamate receptor homolog; Glutamate receptor metabotropic 2; GPRC1B; GRM2; GRM2_HUMAN; Metabotropic glutamate receptor 2; mGlu2; mGluR2; OTTHUMP00000210984; OTTHUMP00000210986;

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Description	G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. May mediate suppression of neurotransmission or may be involved in synaptogenesis or synaptic stabilization.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	96 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.