

Immunotag™ GRM1 Antibody

Antibody Specification	
Catalog No.	ITA7195
Product Description	Immunotag™ GRM1 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	GRM1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:100
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthetic peptide of human GRM1
Specificity	GRM1 Antibody detects endogenous levels of total GRM1
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	GRM1
Accession No.	Q13255
Alternate Names	Glutamate receptor metabotropic 1; glutamate receptor, metabotropic 1; GPRC1A; GRM1; GRM1-Alpha; GRM1_HUMAN; GRM1A; Metabotropic glutamate receptor 1; mGlu1; mGluR1; MGLUR1-Alpha; MGLUR1A; SCAR13;

Antibody Specification

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. Signaling activates a phosphatidylinositol-calcium second messenger system. May participate in the central action of glutamate in the CNS, such as long-term potentiation in the hippocampus and long-term depression in the cerebellum.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	132kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.