

Product Information

Product SKU:	CAB11462	Gene ID:	2911	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	132kDa	Conjugate:	Unconjugated
Calculated MW:	132kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes a metabotropic glutamate receptor that functions by activating phospholipase C. L- glutamate is the major excitatory neurotransmitter in the central nervous system and activates both ionotropic and metabotropic glutamate receptors. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. The canonical alpha isoform of the encoded protein is a disulfide-linked homodimer whose activity is mediated by a G-protein-coupled phosphatidylinositol-calcium second messenger system. This gene may be associated with many disease states, including schizophrenia, bipolar disorder, depression, and breast cancer. Alternative splicing results in multiple transcript variants encoding different isoforms.
Recommended Dilution:	WB,1:500 - 1:2000
Synonyms:	MGLU1; SCA44; GPRC1A; MGLUR1; SCAR13; PPP1R85; GRM1
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 920-1140 of human GRM1 (NP_001264993.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.