
Product Information

Product SKU:	CAB3758	Gene ID:	2915	Size:	20uL, 100uL
Clone No:	ARC0250	Host Species:	Rabbit	Reactivity:	Mouse,Rat

Additional Information

Observed MW:	150kDa	Conjugate:	Unconjugated
Calculated MW:	132kDa	Isotype:	IgG

Immunogen Information

Background: This gene encodes a member of the G-protein coupled receptor 3 protein family. The encoded protein is a metabotropic glutamate receptor, whose signaling activates a phosphatidylinositol-calcium second messenger system. This protein may be involved in the regulation of neural network activity and synaptic plasticity. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. A pseudogene of this gene has been defined on chromosome 11. Alternative splicing results in multiple transcript variants.

Recommended Dilution: WB,1:500 - 1:2000

Synonyms: mGlu5; GPRC1E; MGLUR5; PPP1R86; GRM5

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1100-1200 of human GRM5 (P41594).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.