

## Product Datasheet

# mGluR2 Antibody

Catalog No: CY5998

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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### Information

**UniProt ID:** Q14416

**All Names:** GRM2; Glutamate receptor homolog; GPRC1B; MGlur2; Metabotropic; GLUR2; MGLUR2;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 95,200 kDa

### Application

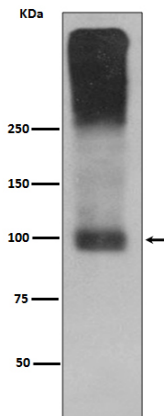
WB 1:5000~1:10000

IHC 1:50~1:200

ICC/IF 1:50~1:200

### Background

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.



Western blot analysis of mGluR2 expression in Mouse brain lysate.

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