

Datasheet for ABIN7181336

anti-Metabotropic Glutamate Receptor 3 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Metabotropic Glutamate Receptor 3 (GRM3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Metabotropic Glutamate Receptor 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthesized peptide derived from Human GluR2/3.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Metabotropic Glutamate Receptor 3 (GRM3)
Alternative Name:	GRM3 (GRM3 Products)
Background:	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. Signaling inhibits adenylate cyclase activity.

Target Details

Akiko Momiyama, J. Physiol., May 2003, 549: 75 - 92.
Mako Narisawa-Saito, PNAS, Mar 1999, 96: 2461.
Karolina Wosik, Brain, Dec 2004, 127: 2636 - 2648.
Chong-Hyun Kim, PNAS, Sep 2001, 98: 11725.
Aliases: GLUR3 antibody, Glutamate metabotropic receptor 3 antibody, Glutamate receptor metabotropic 3 antibody, GPRC1C antibody, GRM3 antibody, GRM3_HUMAN antibody, Metabotropic glutamate receptor 3 antibody, MGlu3 antibody, mGluR3 antibody

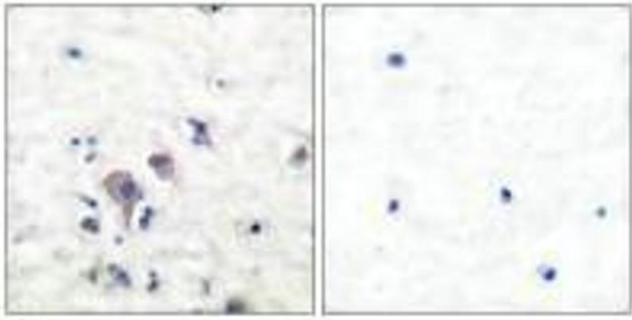
UniProt: [Q14832](#)
Pathways: [cAMP Metabolic Process](#), [Synaptic Membrane](#)

Application Details

Application Notes: WB:1:500-1:3000, IHC:1:50-1:100,
Restrictions: For Research Use only

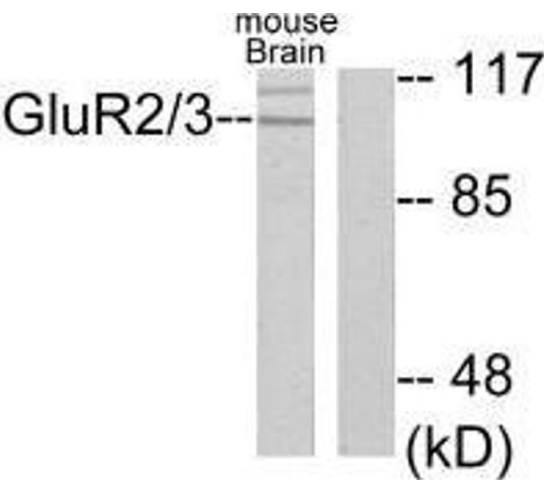
Handling

Format: Liquid
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative: Sodium azide
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: -20 °C, -80 °C
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human brain tissue using GluR2/3 antibody.



Western Blotting

Image 2. Western blot analysis of extracts from mouse brain, using GluR2/3 antibody.