

Anti-GluR2/3 GRM3 Antibody

Catalog Number: A04827

About GRM3

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.

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.

Overview

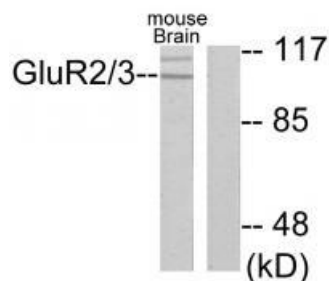
Product Name	Anti-GluR2/3 GRM3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GluR2/3 GRM3 Antibody (Catalog # A04827). Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14832

Technical Details

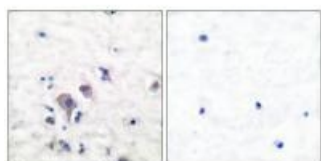
Immunogen	Synthesized peptide derived from human GluR2/3.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p> <p>Immunohistochemistry: 1:50~1:100</p>

Anti-GluR2/3 GRM3 Antibody (A04827) Images



Western blot analysis of extracts from mouse brain, using GluR2/3 antibody A04827.



Immunohistochemical analysis of paraffin-embedded human brain tissue using GluR2/3 antibody A04827.

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