

GluR2+GluR3 Monoclonal Antibody

CAB2754

Description

This GluR2+GluR3 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB2754
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	GLUR2, GLURB, GluA2, HBGR2, NEDLIB, glur-2, glur-B, GluR-K2, GLUR3, GLURC, GluA3, MRX94, MRXSW, GLUR-C, iGluR3, GLUR-K3, GluR2+GluR3
Clone:	ARC2668
Applications:	WB IP ELISA
Conjugation:	Unconjugated
Reactivity:	Mouse, Rat

Antibody Data

Gene ID:	2891 2892
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	98kDa
Calculated MW:	98kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

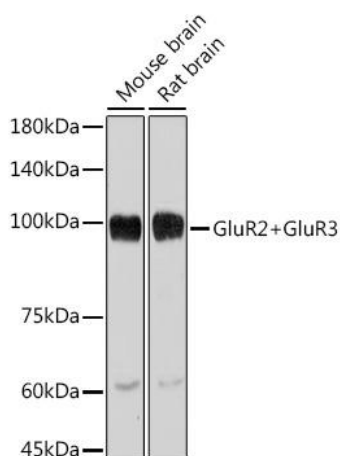
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Mouse brain, Rat brain

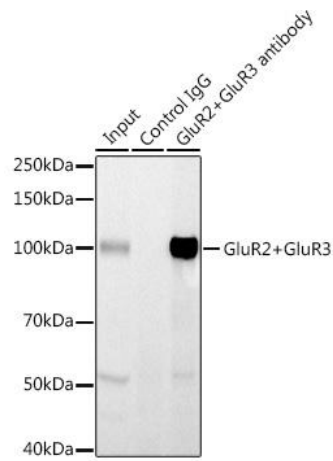
Recommended Dilutions:	WB	1:500 - 1:1000
	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using GluR2+GluR3 Rabbit mAb (CAB2754) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunoprecipitation analysis of 600 μ g extracts of Mouse brain using 3 μ g GluR2+GluR3 antibody (CAB2754). Western blot was performed from the immunoprecipitate using GluR2+GluR3 antibody (CAB2754) at a dilution of 1:1000.