

## GluR2+GluR3 Monoclonal Antibody

CAB2754

### Description

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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

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**SKU:** CAB2754

**Contents:** 20 µL, 100 µL

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:**   

**Conjugation:** Unconjugated

**Reactivity:** Mouse, Rat

### Antibody Data

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**Gene ID:** 2891 2892

**Uniprot:** -

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 98kDa

**Calculated MW:** 98kDa

## Preparation & Storage

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**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

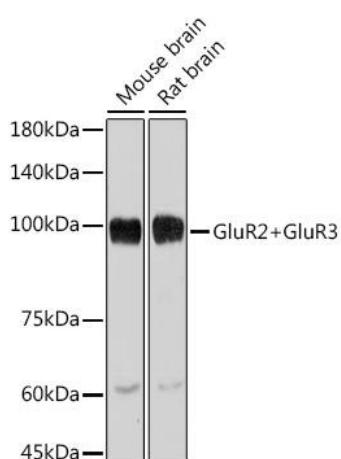
**Recommended Dilutions:**

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

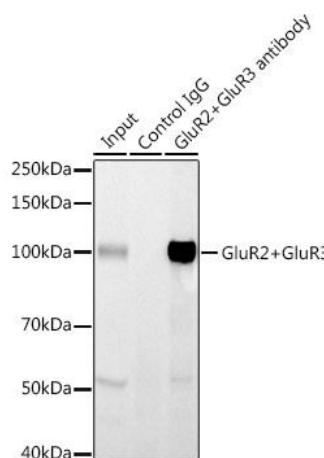
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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