

## Goat GRM2 Polyclonal Antibody | anti-GRM2 antibody

Goat anti-GRM2 Antibody

| CATALOG # | HOST | REACTIVITY                                                                            | APPLICATIONS                              |
|-----------|------|---------------------------------------------------------------------------------------|-------------------------------------------|
| AAA61526  | Goat | Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Rabbit | Immunohistochemistry, Western Blot, ELISA |

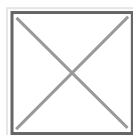
### PRODUCT SYNONYMS

GRM2; Polyclonal Antibody; Goat anti-GRM2 Antibody; glutamate receptor; metabotropic 2; GLUR2; GPRC1B; MGLUR2; mGlu2; glutamate metabotropic receptor 2; glutamate receptor homolog; GLUR2 antibody; glutamate metabotropic receptor 2 antibody; glutamate receptor homolog antibody; metabotropic 2 antibody; GPRC1B antibody; mGlu2 antibody; MGLUR2 antibody; GRM2 antibody; anti-GRM2 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                  |
| Reactivity                                     | Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Rabbit                                                 |
| Clonality                                      | Polyclonal                                                                                                                            |
| Purity/Purification                            | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                  | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                       | KETAPERREV                                                                                                                            |
| Sequence Length                                | 872                                                                                                                                   |
| Applicable Applications for anti-GRM2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                                                  |
| Immunogen                                      | Peptide with sequence C-KETAPERREV, from the internal region of the protein sequence according to NP_000830.2; NP_001123535.1.        |
| Epitope                                        | Internal region                                                                                                                       |
| Note                                           | This antibody is expected to recognize both isoforms (NP_000830.2; NP_001123535.1).                                                   |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

### IMAGES



#### IHC (Immunohistochemistry)

3.8ug/ml staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### WB (Western Blot)

1ug/ml staining of Human Hippocampus lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 66529100 |
| NCBI GeneID | 2912     |

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI Accession #                 | NP_000830.2; NP_001123535.1                 |
| NCBI GenBank Nucleotide #        | NM_000839.3                                 |
| Molecular Weight                 | 95,568 Da                                   |
| NCBI Official Full Name          | metabotropic glutamate receptor 2 isoform a |
| NCBI Official Synonym Full Names | glutamate metabotropic receptor 2           |
| NCBI Official Symbol             | GRM2                                        |
| NCBI Official Synonym Symbols    | GLUR2; mGlu2; GPRC1B; MGLUR2                |
| NCBI Protein Information         | metabotropic glutamate receptor 2           |
| UniProt Protein Name             | Metabotropic glutamate receptor 2           |
| UniProt Gene Name                | <b>GRM2</b>                                 |
| UniProt Synonym Gene Names       | GPRC1B; MGLUR2; mGluR2                      |
| UniProt Entry Name               | GRM2_HUMAN                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/grm2-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61526>