

## Rabbit GRM4 Polyclonal Antibody | anti-GRM4 antibody

GRM4 Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA242858</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

GRM4; Polyclonal Antibody; GRM4 Antibody; Metabotropic glutamate receptor 4; mGluR4; GPRC1D; MGLUR4; anti-GRM4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                     |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                                                                 |
| Isotype                                        | IgG                                                                                                                                                        |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                       |
| Form/Format                                    | Liquid; Rabbit IgG In Phosphate Buffered Saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol. |
| Applicable Applications for anti-GRM4 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                       |
| Immunogen                                      | Synthesized peptide derived from human GluR4.                                                                                                              |
| Immunogen Species                              | Human                                                                                                                                                      |
| Conjugate                                      | Non-conjugated                                                                                                                                             |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                |

### IMAGES



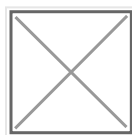
#### WB (Western Blot)

Western blot analysis of extracts from JK cells (Lane 2), using mGluR4 antibody. The lane on the left is treated with synthesized peptide.



#### WB (Western Blot)

Western blot analysis of extracts from 293 cells, untreated or treated with Forskolin (40nM, 30mins), using GluR4 antibody.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain tissue using GluR4 antibody.

### ADDITIONAL INFORMATION

|                                                  |              |
|--------------------------------------------------|--------------|
| Product Categories/Family for anti-GRM4 antibody | Neuroscience |
|--------------------------------------------------|--------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 4504141                                          |
| NCBI GeneID                      | 2914                                             |
| NCBI Accession #                 | NP_000832.1                                      |
| NCBI GenBank Nucleotide #        | NM_000841.2                                      |
| UniProt Accession #              | Q14833; Q5SZ84; B7Z1T9; B7Z1U6; F5GXM5; AAB34891 |
| Molecular Weight                 | 101,868 Da                                       |
| NCBI Official Full Name          | metabotropic glutamate receptor 4 isoform 1      |
| NCBI Official Synonym Full Names | glutamate receptor, metabotropic 4               |
| NCBI Official Symbol             | GRM4                                             |
| NCBI Official Synonym Symbols    | mGlu4; GPRC1D; MGLUR4                            |
| NCBI Protein Information         | metabotropic glutamate receptor 4                |
| UniProt Protein Name             | Metabotropic glutamate receptor 4                |
| UniProt Gene Name                | <b>GRM4</b>                                      |
| UniProt Synonym Gene Names       | GPRC1D; MGLUR4; mGluR4                           |
| UniProt Entry Name               | GRM4_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grm4-antibody-immunohistochemistry-western-blot-elisa/242858>