

## GRM7 Antibody | anti-GRM7 antibody

GRM7 Antibody

|                               |                                        |                                                                |
|-------------------------------|----------------------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA267660</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Western Blot</b> |
|-------------------------------|----------------------------------------|----------------------------------------------------------------|

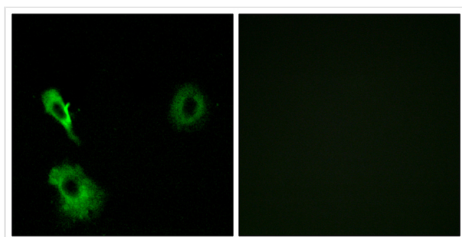
### PRODUCT SYNONYMS

GRM7; GRM7 Antibody; GLUR7; GPRC1G; metabotropic glutamate receptor 7; mGlu7; MGR7; anti-GRM7 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Specificity                                    | GRM7 antibody detects endogenous levels of total GRM7 protein.                                                 |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           |
| Form/Format                                    | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Sequence Length                                | 915                                                                                                            |
| Applicable Applications for anti-GRM7 antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                              |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from C-terminal of human GRM7.                  |
| Preparation and Storage                        | Store at -20 degree C for 1 year.                                                                              |

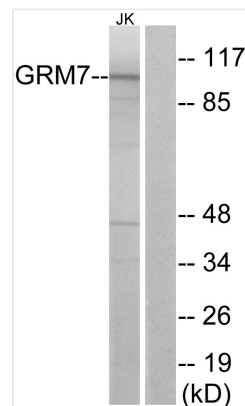
### IMAGES



WB (Western Blot)

Peptide- Western blot analysis of extracts from Jurkat cells, using GRM7 antibody.

Immunofluorescence analysis of A549 cells, using GRM7 antibody.



Application Data

### ADDITIONAL INFORMATION

|            |                                                                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Makoff A., Brain Res. Mol. Brain Res. 40:165-170(1996). Flor P.J., Neuropharmacology 36:153-159(1997). Wu S., Brain Res. Mol. Brain Res. 53:88-97(1998). |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|           |         |
|-----------|---------|
| NCBI GI # | 4504147 |
|-----------|---------|

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GeneID                      | 2917                                        |
| NCBI Accession #                 | NP_000835.1                                 |
| NCBI GenBank Nucleotide #        | NM_000844.3                                 |
| UniProt Accession #              | Q14831; Q8NFS2; Q8NFS3; Q8NFS4              |
| Molecular Weight                 | 101,302 Da                                  |
| NCBI Official Full Name          | metabotropic glutamate receptor 7 isoform a |
| NCBI Official Synonym Full Names | glutamate metabotropic receptor 7           |
| NCBI Official Symbol             | GRM7                                        |
| NCBI Official Synonym Symbols    | GLUR7; MGLU7; GPRC1G; MGLUR7; PPP1R87       |
| NCBI Protein Information         | metabotropic glutamate receptor 7           |
| UniProt Protein Name             | Metabotropic glutamate receptor 7           |
| UniProt Gene Name                | <b>GRM7</b>                                 |
| UniProt Synonym Gene Names       | GPRC1G; MGLUR7; mGluR7                      |

**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://www.aaabiotech.com/human-mouse-rat-antibody/grm7/267660>