# Anti-GRM5 antibody (870-1212) (STJ111861)

## GENERAL INFORMATION

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|---|---|
| Product Type | Primary antibodies |
| Applications | WB/IF/ICC/ELISA |
| Host / Source | Rabbit |
| Reactivity | Human/Mouse/Rat |

## PRODUCT PROPERTIES

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|---|---|
| Clonality | Polyclonal |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:500-1:1000<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. |
| Isotype | IgG |
| Molecular Weight | Protein Mw: 132kDa<br>Observed Mw: 150kDa/300kDa |
| Storage Instruction | Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

## TARGET INFORMATION

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|---|---|
| Gene ID | 2915 |
| Gene Symbol | GRM5 |
| UniProt ID | GRM5_HUMAN |
| Immunogen Region | 870-1212 |
| Immunogen Sequence | GSSGETLRYKDRRLAQHKSE IECFTPKGSMGNGGRATMSS SNGKSVTWAQNEKSSRGQHL WQRLSIHINKKENPNQTAVI KPFPKSTESRGLGAGAGAGG SAGGVGATGGAGCAGAGPGG PESPDAGPKALYDVAEAEEH FPAPARPRSPSPISTLSHRA GSASRTDDDVPSLHSEPVAR SSSSQGSLMEQISSVVTRFT A |
| Specificity | Recombinant fusion protein containing a sequence corresponding to amino acids 870-1070 of human GRM5 (NP_001137303.1). |

## ADDITIONAL INFORMATION

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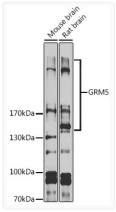
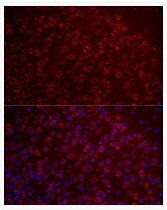
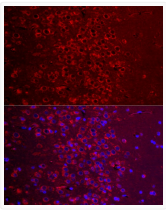
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |




Western blot analysis of various lysates using G Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 1s.



Immunofluorescence analysis of paraffin-embedded mouse brain using G Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat brain using G Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.