

## Rabbit anti-Human GPR156 Polyclonal Antibody | anti-GPR156 antibody

GPR156 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                 |
|-----------|--------|------------|--------------------------------------------------------------|
| AAA325568 | Rabbit | Human      | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

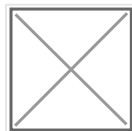
### PRODUCT SYNONYMS

GPR156; Polyclonal Antibody; GPR156 Antibody; G protein coupled receptor 156; G protein coupled receptor PGR28; G-protein coupled receptor PGR28; GABAB related G protein coupled receptor; GABAB-related G-protein coupled receptor; GABABL; GP156\_HUMAN; PGR28; Probable G-protein coupled receptor 156; ZK180.1 like; anti-GPR156 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                          |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                   |
| Reactivity                                       | Human                                                                                                                                                    |
| Clonality                                        | Polyclonal                                                                                                                                               |
| Isotype                                          | IgG                                                                                                                                                      |
| Specificity                                      | GPR156 antibody detects endogenous levels of total GPR156                                                                                                |
| Purity/Purification                              | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.                                                            |
| Form/Format                                      | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                            |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                                                                   |
| Sequence Length                                  | 810                                                                                                                                                      |
| Applicable Applications for anti-GPR156 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                             |
| Immunogen                                        | A synthesized peptide                                                                                                                                    |
| Subcellular Location                             | Plasma Membrane                                                                                                                                          |
| Tissue Specificity                               | Ubiquitous expression both in the CNS and in peripheral tissues. Very high expression in fetal brain and testis relative to expression in other tissues. |
| Conjugation                                      | Unconjugated                                                                                                                                             |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                                                                                        |

### IMAGES



#### IF (Immunofluorescence)

AAA325568 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



#### WB (Western Blot)

Western blot analysis of extracts from 293 cells, using GPR156 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                          |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GPR156 antibody | Function: Orphan receptor.<br>Similarity: Belongs to the G-protein coupled receptor 3 family. GABA-B receptor subfamily. |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 269973882                                         |
| NCBI GeneID                      | 165829                                            |
| NCBI Accession #                 | NP_001161743.1                                    |
| NCBI GenBank Nucleotide #        | NM_001168271.1                                    |
| UniProt Accession #              | Q8NFN8; Q14CM1; Q86SN6; B7ZL66; E9PFZ4            |
| Molecular Weight                 | Observed: 89 kD<br>Predicted: 90 kDa              |
| NCBI Official Full Name          | probable G-protein coupled receptor 156 isoform 2 |
| NCBI Official Synonym Full Names | G protein-coupled receptor 156                    |
| NCBI Official Symbol             | GPR156                                            |
| NCBI Official Synonym Symbols    | PGR28; GABABL                                     |
| NCBI Protein Information         | probable G-protein coupled receptor 156           |
| UniProt Protein Name             | Probable G-protein coupled receptor 156           |
| UniProt Gene Name                | GPR156                                            |
| UniProt Synonym Gene Names       | GABABL; PGR28                                     |

**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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