

Datasheet for ABIN7159434

## **anti-Metabotropic Glutamate Receptor 1 antibody (AA 880-1017) (FITC)**



[Go to Product page](#)

### Overview

|                      |                                                                       |
|----------------------|-----------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                |
| Target:              | Metabotropic Glutamate Receptor 1 (GRM1)                              |
| Binding Specificity: | AA 880-1017                                                           |
| Reactivity:          | Human                                                                 |
| Host:                | Rabbit                                                                |
| Clonality:           | Polyclonal                                                            |
| Conjugate:           | This Metabotropic Glutamate Receptor 1 antibody is conjugated to FITC |
| Application:         | Please inquire                                                        |

### Product Details

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| Immunogen:        | Recombinant Human Metabotropic glutamate receptor 1 protein (880-1017AA) |
| Isotype:          | IgG                                                                      |
| Cross-Reactivity: | Human                                                                    |
| Purification:     | >95%, Protein G purified                                                 |

### Target Details

|                   |                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Metabotropic Glutamate Receptor 1 (GRM1)                                                                                                                                           |
| Alternative Name: | GRM1 ( <a href="#">GRM1 Products</a> )                                                                                                                                             |
| Background:       | Background: G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and |

## Target Details

modulates the activity of down-stream effectors. Signaling activates a phosphatidylinositol-calcium second messenger system. May participate in the central action of glutamate in the CNS, such as long-term potentiation in the hippocampus and long-term depression in the cerebellum.

Aliases: Glutamate receptor metabotropic 1 antibody, glutamate receptor, metabotropic 1 antibody, GPRC1A antibody, GRM1 antibody, GRM1-Alpha antibody, GRM1\_HUMAN antibody, GRM1A antibody, Metabotropic glutamate receptor 1 antibody, mGlu1 antibody, mGluR1 antibody, MGLUR1-Alpha antibody, MGLUR1A antibody, SCAR13 antibody

UniProt: [Q13255](#)

## Application Details

Restrictions: For Research Use only

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                            |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4                                |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C                                                                                                     |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                     |