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Datasheet for ABIN2808806

## anti-GRM4/6 antibody (AA 301-400) (AbBy Fluor® 594)

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | GRM4/6  |
| Binding Specificity: | AA 301-400  |
| Reactivity:          | Mouse, Rat  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This GRM4/6 antibody is conjugated to AbBy Fluor® 594   |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Metabotropic Glutamate Receptor 4   |
| Isotype:              | IgG   |
| Specificity:          | This antibody detects Metabotropic Glutamate Receptor 4. It may also detect Metabotropic Glutamate Receptor 6 due to sequence similarity. |
| Cross-Reactivity:     | Mouse, Rat  |
| Predicted Reactivity: | Human,Pig,Rabbit  |
| Purification:         | Purified by Protein A.  |

## Target Details

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|                   |  |
|-------------------|--|
| Target:           | GRM4/6   |
| Alternative Name: | Metabotropic Glutamate Receptor 4,6 ( <a href="#">GRM4/6 Products</a> )  |
| Background:       | Synonyms: mGlu4, GPRC1D, MGLUR4, Metabotropic glutamate receptor 4, GRM4<br>Background: G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling inhibits adenylate cyclase activity. |
| Gene ID:          | 2914   |
| UniProt:          | <a href="#">Q14833</a>   |

## Application Details

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|                    |  |
|--------------------|--|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only  |

## Handling

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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| 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   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |