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Datasheet for ABIN899635

anti-GPSM1 antibody (AA 201-300) (Alexa Fluor 647)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | GPSM1 |
| Binding Specificity: | AA 201-300 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GPSM1 antibody is conjugated to Alexa Fluor 647 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human GPSM1 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Sheep,Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | GPSM1 |
| Alternative Name: | GPSM1 (GPSM1 Products) |
| Background: | Synonyms: Activator of G-protein signaling 3,AGS3,AGS3 homolog,C10a,G protein signaling |

Target Details

modulator 1 AGS3 like, C. elegans,G-protein-signaling modulator 1,GPSM1,GPSM1_HUMAN.
Background: Guanine nucleotide dissociation inhibitor (GDI) which functions as a receptor-independent activator of heterotrimeric G-protein signaling. Keeps G(i/o) alpha subunit in its GDP-bound form thus uncoupling heterotrimeric G-proteins signaling from G protein-coupled receptors. Controls spindle orientation and asymmetric cell fate of cerebral cortical progenitors. May also be involved in macroautophagy in intestinal cells. May play a role in drug addiction.

Gene ID: 26086

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

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