Datasheet for ABIN5004016

anti-GPSM1 antibody (AA 201-300) (AbBy Fluor® 680)

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Overview

Quantity:	100 µL
Target:	GPSM1
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPSM1 antibody is conjugated to AbBy Fluor® 680
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