

À des fins de recherche uniquement

Anticorps Monoclonal anti-GPSM1

Numéro de catalogue: **CL488-68233**



Informations de base

Numéro de catalogue: CL488-68233	Numéro d'acquisition GenBank: BC017353	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 26086	CloneNo.: 3A7A2
Hôte: Mouse	Nom complet: G-protein signaling modulator 1 (AGS3-like, C. elegans)	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 652 aa, 72 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG18773	MW observés: 75 kDa	

Applications

Applications testées: IF	Contrôles positifs: IF : cellules A431,
Spécificité de l'espèce: Humain, souris	

Informations générales

GPSM1, also named as AGS3, is a receptor-independent G protein activator that has been implicated in multiple biological events such as brain development, neuroplasticity and addiction, cardiac function, Golgi structure/function, macroautophagy and metabolism. It contains seven tetratricopeptide repeats in its N-terminal half and four G-protein regulatory (GPR) motifs in its C-terminal half. It has been shown that AGS3 could regulate the orientation of the mitotic spindle, cAMP production, membrane protein transport, and asymmetric cell division by binding preferentially to inactive Gai/o subunits complexed with guanine dinucleotide phosphate (GDP) at multiple G-protein regulatory or GoLoco motif repeats. It also plays an important anti-apoptotic role through enhancing the phosphorylation of cyclic AMP response element-binding protein (p-CREB).

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

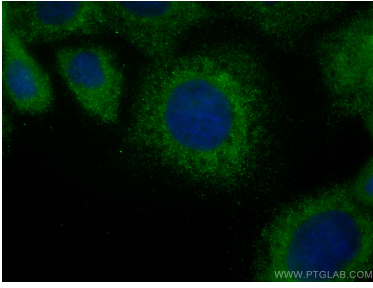
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CoraLite® Plus 488 GP5M1 antibody (CL488-68233, Clone: 3A7A2) at dilution of 1:200.