

À des fins de recherche uniquement

Anticorps Monoclonal anti-GPSM1

Numéro de catalogue: 68233-1-Ig



Informations de base

Numéro de catalogue: 68233-1-Ig	Numéro d'acquisition GenBank: BC017353	Méthode de purification: Purification par protéine G
Taille: 150ul, 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: WB 1:2000-1:10000
Isotype: IgG1	MW calculé 652 aa, 72 kDa	
Immunogen Catalog Number: AG18773	MW observés: 75 kDa	

Applications

Applications testées:
WB, ELISA
Spécificité de l'espèce:
Humain, souris

Contrôles positifs:

WB : cellules LNCaP, cellules 4T1, cellules HEK-293,
cellules HeLa, cellules HSC-T6, cellules Jurkat,
cellules NIH/3T3

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. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azotate de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

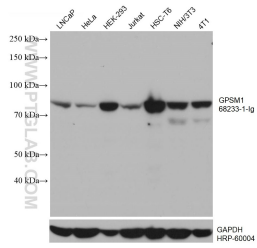
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68233-1-Ig (GPSM1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.