

Nur für Forschungszwecke

GPSM1 Monoklonaler Antikörper

Katalog-Nr.:68233-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68233-1-Ig	GenBank-Zugangsnummer: BC017353	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von26086 Nanodrop;	GeneID (NCBI): 3A7A2	CloneNo.: 3A7A2
Wirt: Maus	Vollständiger Name: G-protein signaling modulator 1 (AGS3-like, C. elegans)	Empfohlene Verdünnungen: WB 1:2000-1:10000
Isotyp: IgG1	Berechnete Masse: 652 aa, 72 kDa	
Immunogen Katalognummer: AG18773	Beobachtete Masse: 75 kDa	

Anwendungen

Geprüfte Anwendungen:
WB, ELISA

Getestete Reaktivität:
Human, Maus

Positivkontrollen:

WB : LNCaP-Zellen, 4T1-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, NIH/3T3-Zellen

Hintergrundinformationen

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).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

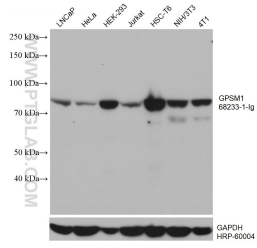
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68233-1-Ig (GP5M1 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.