

For Research Use Only

GPSM2 Recombinant antibody, PBS Only

Catalog Number: 86175-1-PBS



Basic Information

Catalog Number: 86175-1-PBS	GenBank Accession Number: BC027732	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 29899	CloneNo.: 250793G2
Source: Rabbit	UNIPROT ID: P81274	
Isotype: IgG	Full Name: G-protein signaling modulator 2 (AGS3-like, C. elegans)	
Immunogen Catalog Number: AG25195	Calculated MW: 75 kDa	
	Observed MW: 70-77 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

GPSM2 belongs to a family of proteins that modulate activation of G proteins. GPSM2 assists in the exchange of guanine nucleotides, and allows extracellular signals to be transmitted to cells via cell surface, and ultimately plays a key role in the activation of G-proteins. Therefore, GPSM2 is a critical factor for the stability of cell division. Some recent studies have shown that GPSM2 messenger RNA (mRNA) is overexpressed and plays a positive role in the development of certain tumors, such as liver cancer, pancreatic cancer, breast cancer. It also plays a role in neuroblast division and in the development of normal hearing. Mutations in GPSM2 are associated with autosomal recessive nonsyndromic deafness (DFNB82), which is a form of non-syndromic deafness characterized by prelingual, bilateral, severe, sensorineural hearing loss.

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

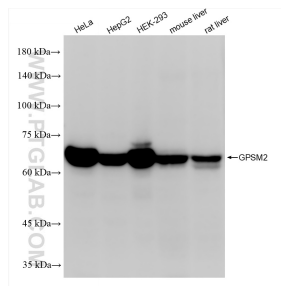
T: 4006900926

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86175-1-RR (GP2SM2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86175-1-PBS in a different storage buffer formulation.