

For Research Use Only

GPSM2 Polyclonal antibody

Catalog Number: 11608-2-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

11608-2-AP

Size:

150ul, Concentration: 413 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2167

GenBank Accession Number:

BC027732

GeneID (NCBI):

29899

UNIPROT ID:

P81274

Full Name:

G-protein signaling modulator 2 (AGS3-like, C. elegans)

Calculated MW:

75 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human

Cited Species:

human, mouse

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yecheng Jin	27255603	Sci Rep	IF
Yoni Bhonker	26662512	Mamm Genome	IF
Seldin Lindsey L	24109598	Mol Biol Cell	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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