

GPSM2

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:1000 - 1:2000

Calculated MW: 77kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human GPSM2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

LGN; CMCS; PINS; DFNB82;

Catalog #: A10553

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 29899

Isotype: IgG

Swiss Prot: P81274

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene belongs to a family of proteins that modulate activation of G proteins, which transduce extracellular signals received by cell surface receptors into integrated cellular responses. The N-terminal half of this protein contains 10 copies of leu-gly-asn (LGN) repeat, and the C-terminal half contains 4 GoLoco motifs, which are involved in guanine nucleotide exchange. This protein may play a role in neuroblast division and in the development of normal hearing. Mutations in this gene are associated with autosomal recessive nonsyndromic deafness (DFNB82). Alternative splicing results in multiple transcript variants.

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