

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GPSM2 RABBIT PAB**

Cat.#: S222141

Product Name: Anti-GPSM2 Rabbit Polyclonal Antibody

Synonyms: LGN; CMCS; PINS; DFNB82

UNIPROT ID: P81274 (Gene Accession - NP\_037428)

**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.

Immunogen: Synthetic peptide of human GPSM2

Applications: ELISA, IHC

**Recommended Dilutions:** IHC: 30-150; ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

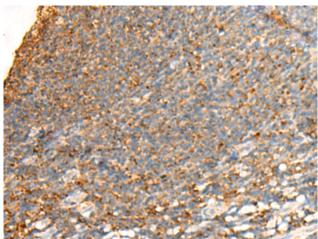
**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Cg2+), pH 7.4, 150 mM NgCl, 0.05% Sodium Azide and 40%

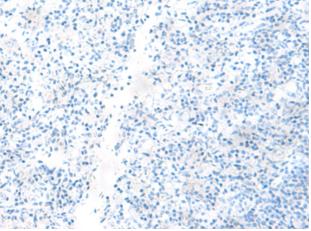
glycerol

Research Areas: Signal Transduction, Cancer

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 222141(GPSM2 Antibody) at a dilution of 1/65(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 222141(Anti-GPSM2 Antibody) at dilution 1/65.