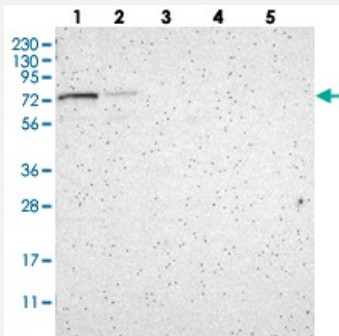


# GPSM2 polyclonal antibody

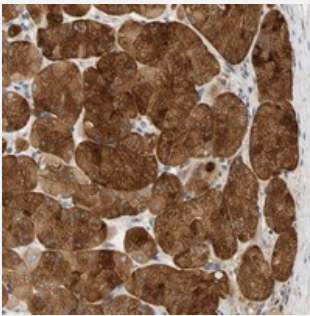
Catalog # PAB20424      Size 100 uL

## Applications



### Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with GPSM2 polyclonal antibody (Cat # PAB20424).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with GPSM2 polyclonal antibody (Cat # PAB20424) shows strong cytoplasmic positivity in glandular cells.

## Specification

|                            |                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against recombinant GPSM2.                                            |
| <b>Immunogen</b>           | Recombinant protein corresponding to amino acids of human GPSM2.                                        |
| <b>Sequence</b>            | FQSNRMDDQRCCLQEKNCHTASTTTSTPPKMMLKTSSVPVVPNTDEFLDLLASSQSRRLDD<br>QRASFSNLPGLRLTQNSQSVLSHLMTNDNKEADEDFFD |
| <b>Host</b>                | Rabbit                                                                                                  |
| <b>Reactivity</b>          | Human                                                                                                   |
| <b>Form</b>                | Liquid                                                                                                  |

|                     |                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | Antigen affinity purification                                                                                                         |
| Isotype             | IgG                                                                                                                                   |
| Recommend Usage     | Immunohistochemistry (1:50-1:200)<br>Western Blot (1:250-1:500)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                                                     |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                |

## Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with GPSM2 polyclonal antibody (Cat # PAB20424).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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## Gene Info — GPSM2

|                    |                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">29899</a>                                                                                                                                                                                                                                                   |
| Protein Accession# | <a href="#">P81274</a>                                                                                                                                                                                                                                                  |
| Gene Name          | GPSM2                                                                                                                                                                                                                                                                   |
| Gene Alias         | LGN, Pins                                                                                                                                                                                                                                                               |
| Gene Description   | G-protein signaling modulator 2 (AGS3-like, C. elegans)                                                                                                                                                                                                                 |
| Omim ID            | <a href="#">609245</a>                                                                                                                                                                                                                                                  |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                               |
| Gene Summary       | Heterotrimeric G proteins transduce extracellular signals received by cell surface receptors into integrated cellular responses. GPSM2 belongs to a group of proteins that modulate activation of G proteins (Blumer et al., 2002 [PubMed 11832491]).[supplied by OMIM] |

**Other Designations**

G-protein signalling modulator 2 (AGS3-like, C. elegans)|LGN protein

**Disease**

- [Adenocarcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic Neoplasms](#)