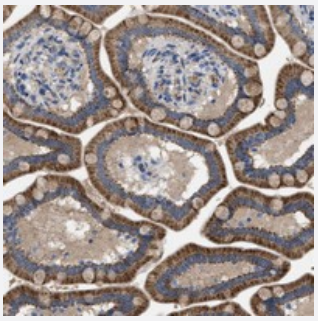
# LPPR5 polyclonal antibody

Catalog # PAB21007 Size 100 uL

## Applications



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

Immunohistochemical staining of human small intestine with LPPR5 polyclonal antibody (Cat # PAB21007) shows cytoplasmic positivity in glandular cells.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against recombinant LPPR5. |
| **Immunogen** | Recombinant protein corresponding to amino acids of human LPPR5. |
| **Sequence** | EHIHMDNLAQMPMISIPRVESPLEKVTSVQNHITAFAEVT |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Antigen affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunohistochemistry (1:10-1:20)<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 shoul d be handled by trained staff only. |

## Applications

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

  Immunohistochemical staining of human small intestine with LPPR5 polyclonal antibody (Cat # PAB21007) shows cytoplasmic positivity in glandular cells.

## Gene Info — LPPR5

| | |
|---|---|
| **Entrez GeneID** | 163404 |
| **Protein Accession#** | Q32ZL2 |
| **Gene Name** | LPPR5 |
| **Gene Alias** | PAP2, PAP2D, PRG5 |
| **Gene Description** | lipid phosphate phosphatase-related protein type 5 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a type 2 member of the phosphatidic acid phosphatase (PA P) family. All type 2 members of this protein family contain 6 transmembrane regions, and a cons ensus N-glycosylation site. PAPs convert phosphatidic acid to diacylglycerol, and function in de n ovo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by ph ospholipase D. Alternate transcriptional splice variants, encoding different isoforms, have been c haracterized. [provided by RefSeq |
| **Other Designations** | PRG-5; phosphatidic acid phosphatase 2d; phosphatidic acid phosphatase type 2; plasticity-relat ed gene 5 protein; plasticity-related protein 5 |

## Disease

- Tobacco Use Disorder