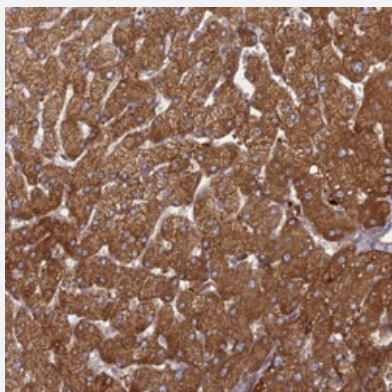


# PHKA2 polyclonal antibody

Catalog # PAB28609      Size 100 uL

## Applications



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

Immunohistochemical staining of human liver with PHKA2 polyclonal antibody (Cat # PAB28609) shows strong cytoplasmic positivity in hepatocytes.

## Specification

|                     |                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against recombinant PHKA2.                                                                                 |
| Immunogen           | Recombinant protein corresponding to amino acids of human PHKA2.                                                                             |
| Sequence            | GARVKLGNLSEFLTTSFYTLTFLDPDCDEKLFDNASEGTFSPDSDSDLVGYLEDTCNQESQDEL<br>DHYNHLLQSTSLRSYLPPLCKNTEDRHVFSAIHSTRDILSVMAKAKGLEVPFVPMTLPTKVLSAHR<br>KS |
| Host                | Rabbit                                                                                                                                       |
| Reactivity          | Human                                                                                                                                        |
| Form                | Liquid                                                                                                                                       |
| Purification        | Antigen affinity purification                                                                                                                |
| Isotype             | IgG                                                                                                                                          |
| Recommend Usage     | Immunohistochemistry (1:50-1:200)<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

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

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## Gene Info — PHKA2

|                    |                                                                                                                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">5256</a>                                                                                                                                                                                                                               |
| Protein Accession# | <a href="#">P46019</a>                                                                                                                                                                                                                             |
| Gene Name          | PHKA2                                                                                                                                                                                                                                              |
| Gene Alias         | GSD9A, MGC133071, PHK, PYK, PYKL, XLG, XLG2                                                                                                                                                                                                        |
| Gene Description   | phosphorylase kinase, alpha 2 (liver)                                                                                                                                                                                                              |
| Omim ID            | <a href="#">306000</a>                                                                                                                                                                                                                             |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                          |
| Gene Summary       | O                                                                                                                                                                                                                                                  |
| Other Designations | OTTHUMP00000023007 Phosphorylase kinase deficiency, liver (glycogen storage disease dJ499B10.2 (phosphorylase kinase, alpha 2 (liver) (PYK)) phosphorylase kinase alpha-subunit phosphorylase kinase, alpha 2 (liver), glycogen storage disease IX |

## Pathway

- [Calcium signaling pathway](#)
- [Insulin signaling pathway](#)