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# PHKA2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20348a

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | P46019 |
| **Other Accession** | P46018 |
| **Reactivity** | Human |
| **Predicted** | Rabbit, Mouse, Rat, Bovine, Canine, Chicken |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB42758 |
| **Calculated MW** | 138408 |
| **Antigen Region** | 285-314 |

## Additional Information

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| **Gene ID** | 5256 |
| **Other Names** | Phosphorylase b kinase regulatory subunit alpha, liver isoform, Phosphorylase kinase alpha L subunit, PHKA2, PHKLA, PYK |
| **Target/Specificity** | This PHKA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 285-314 amino acids from the N-terminal region of human PHKA2. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | PHKA2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

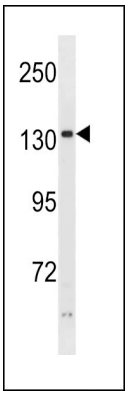
| | |
|---|---|
| **Name** | PHKA2 |
| **Synonyms** | PHKLA, PYK |

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|---|---|
| **Function** | Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin. |
| **Cellular Location** | Cell membrane; Lipid-anchor; Cytoplasmic side |
| **Tissue Location** | Predominantly expressed in liver and other non- muscle tissues |

## Background

Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin.

## Images




PHKA2 Antibody (N-term) (Cat. #AP20348a) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the PHKA2 antibody detected the PHKA2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.