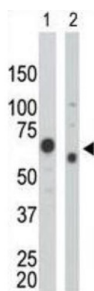


Pyruvate Kinase Antibody

Catalogue No.: abx025115



PKM2 is a pyruvate kinase that catalyzes the production of phosphoenolpyruvate from pyruvate and ATP. This protein has been shown to interact with thyroid hormone, and thus may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis.

Target: Pyruvate Kinase

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 121-151 amino acids from the N-terminal region of human Pyruvate Kinase (PKM2).

Isotype: IgG

Form: Liquid

Purification: Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P14618 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 2.0.0

Revision date: 20 Mar 2025



NCBI Accession: NP_001193725.1, NP_001193726.1, NP_001193727.1, NP_001193728.1, NP_002645.3, NP_872270.1, NP_872271.1

Molecular Weight: Calculated MW: 57.9 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Rat and Rabbit PKM.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only