

PKM1-specific Rabbit mAb

Catalog No.: A21052 **Recombinant** **1 Publications**

Basic Information

Observed MW

58 kDa

Calculated MW

58 kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Clone/No. number

ARC50938

Background

This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and 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. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported.

Recommended Dilutions

WB 1:9000 - 1:54000

IHC-P 1:2000 - 1:8000

ELISA Recommended starting concentration is 1 μ g/mL.
 Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5315

Swiss Prot

P14618

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

PK3; TCB; p58; OIP3; PKM2; CTHBP; THBP1; HEL-S-30; PKM1-specific

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

