

## PKM

**Reactivity:**Human Mouse Monkey Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50

**Calculated MW:**58kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human PKM

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

PK3; TCB; OIP3; PKM2; CTHBP; THBP1; HEL-S-30;

**Catalog #:**A7158

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5315

**Isotype:**IgG

**Swiss Prot:**P14618

**Purity:**Affinity purification

For research use only.

**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.

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