

AP1239

Leader in Biomolecular Solutions for Life Science



Phospho-PKM2-S37 Rabbit pAb

Catalog No.: AP1239

Basic Information

Observed MW

Refer to figures

Calculated MW

58kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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 1:500 - 1:1000

Immunogen Information

Gene ID

5315

Swiss Prot

P14618

Immunogen

A synthetic phosphorylated peptide around S37 of human PKM (NP_002645.3).

Synonyms

PK3; TCB; p58; OIP3; PKM2; CTHBP; THBP1; HEL-S-30; Phospho-PKM2-S37

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.