



Rabbit Anti-Human PKM2 monoclonal antibody, clone G.424.8 (CABT-L1532)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	PKM
Immunogen	Synthetic peptide corresponding to the sequence of human PKM1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	G.424.8
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ICC, IP, IF, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction	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
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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. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported.

Keywords	PKM2;pyruvate kinase, muscle;pyruvate kinase isozymes M1/M2;OIP3;PK3;THBP1;CTHBP;OIP3;PKM;TCB;THBP1;Cytosolic thyroid hormone binding protein;Cytosolic thyroid hormone-binding protein;KPYM_HUMAN;MGC3932;OIP 3;OIP-3;OPA interacting protein
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GENE INFORMATION

Entrez Gene ID [5315](#)

UniProt ID [P14618](#)