



Rabbit Anti-Human PKM2 Polyclonal Antibody (CABT-BL2912)

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

PRODUCT INFORMATION

Immunogen	PKM2 (NP_002645.3, a.a.1-531) full-length human protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Ship	Wet ice

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 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

GENE INFORMATION

Gene Name	PKM2
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Entrez Gene ID	5315
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UniProt ID	P14618
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