



Rabbit Anti-Human PKM2 (11-221) polyclonal antibody (CABT-L6341)

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

PRODUCT INFORMATION

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 11-221 of PKM2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity purified
Conjugate	Unconjugated
Applications	Recommended dilution: WB 1:500 - 1:2000 IHC-P 1:50 - 1:100 IF/ICC 1:50 - 1:200 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific
Size	100 ul, 200 ul
Buffer	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported.

Keywords

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