PKM Polyclonal Antibody

Catalog Number: E-AB-10004



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human, Mouse, Rat

Immunogen Recombinant protein of human PKM2

Host Rabbit
Isotype IgG

Purification Affinity purification
Conjugation Unconjugated

Formulation PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

WB 1:500-1:2000 IHC 1:50-1:200

Data



Western Blot analysis of Hela cell using PKM Polyclonal Antibody at dilution of 1:500 Calculated Mw:58kDa

Immunohistochemistry of paraffin-embedded Human lung cancer using PKM Polyclonal Antibody at dilution of 1:50

Preparation & Storage

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

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 Stimulates POU5F1-mediated transcriptional activation. Plays a general role in caspase independent cell death of tumor cells. 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.

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