

Product datasheet for TA379983

PKM2 (PKM) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:200 IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant protein of human PKM1-specific.

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

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

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 56kDa/57kDa/58kDa

Gene Name: pyruvate kinase, muscle

Database Link: Entrez Gene 5315 Human

P14618

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,

pathogenesis. Several alternatively spliced transcript variants encoding a few distinct

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

isoforms have been reported.



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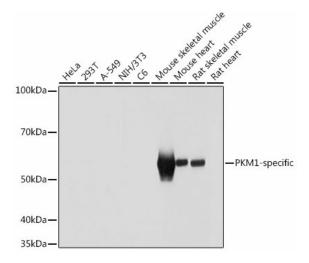
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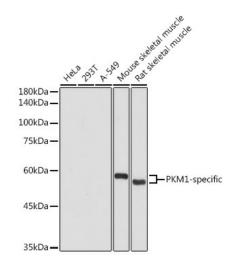


Synonyms: CTHBP; OIP3; PK3; PKM2; TCB; THBP1

Product images:

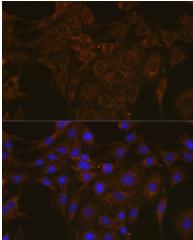


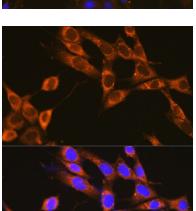
Western blot analysis of extracts of various cell lines, using PKM1-specific antibody (TA379983) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using PKM1-specific antibody (TA379983) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time:







Immunofluorescence analysis of C6 cells using PKM1-specific Rabbit pAb (TA379983) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Immunofluorescence analysis of NIH-3T3 cells using PKM1-specific Rabbit pAb (TA379983) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.