

Datasheet for ABIN2743649

anti-Pyruvate Kinase, Muscle (PKM) (AA 475-500) antibody



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Overview

Quantity:	100 µg
Target:	Pyruvate Kinase, Muscle (PKM)
Binding Specificity:	AA 475-500
Reactivity:	Human, Chimpanzee, Gibbon, Orang-Utan
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human PKM2(475-500aa KDPVQEAWAEDVDLRVNFAMNVGKAR), different from the related mouse sequence by five amino acids, and from the related rat sequence by four amino acids.
Isotype:	IgG
Specificity:	Specifically expressed in proliferating cells, such as embryonic stem cells, embryonic carcinoma cells, as well as cancer cells. .
Purification:	Immunogen affinity purified

Target Details

Target:	Pyruvate Kinase, Muscle (PKM)
Alternative Name:	PKM / Pyruvate Kinase, Muscle (PKM Products)

Target Details

Background:	Name/Gene ID: PKM Synonyms: PKM, p58, PK3, PKM2, Pyruvate Kinase, Pyruvate kinase 2/3, Pyruvate kinase, m1, Pyruvate kinase, muscle, TCB, Tumor M2-PK, OIP-3, OIP3, Opa-interacting protein 3, CTHBP, PK, muscle type, PK2, Pyruvate kinase isozymes M1/M2, Pyruvate kinase muscle isozyme, THBP1
Gene ID:	5315
Pathways:	Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from 5 mg BSA, 0.9 mg sodium chloride, 0.2 mg sodium phosphate, 0.05 mg sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.