

Datasheet for ABIN5514803 **anti-PKM antibody (C-Term)**



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Overview

Quantity:	100 µL
Target:	PKM
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human KP YM
Sequence:	VICATQMLES MIKKPRPTRA EGSDVANAVL DGADCIMLSG ETAKGDYPLE
Characteristics:	This is a rabbit polyclonal antibody against KP YM. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	PKM
Alternative Name:	KP YM (PKM Products)
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

Target Details

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.

Alias Symbols: PKM, OIP3, PK2, PK3, PKM2,

Protein Interaction Partner: LNX1, NXT2, HUWE1, ISG15, UBC, POLE2, FUS, SUMO2, SUMO3, STAU1, MDM2, SUZ12, EZH2, IPO11, TWF2, PDLIM5, NPLOC4, PLIN3, UBA2, EIF4A3, ANP32A, SRP14, RAD23B, PPP1CA, PIN1, CTPS1, CBS, CAPZA2, ACAT2, NLK, FBXO6, YWHAQ, RAF1, IGSF8, HDAC6, MAPK7, NPM1, CDK2,

Protein Size: 531

Gene ID:	5315
NCBI Accession:	XP_005254502
UniProt:	P14618
Pathways:	Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.