

Rabbit Pyruvate Kinase Polyclonal Antibody | anti-PK1 antibody

Pyruvate Kinase Antibody

CATALOG #	HOST	APPLICATIONS
AAA225542	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

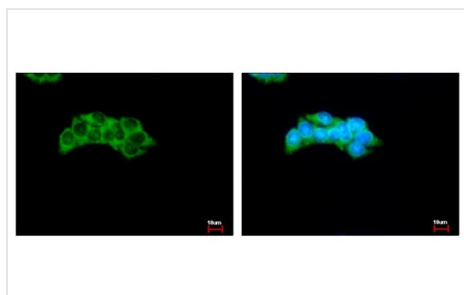
PRODUCT SYNONYMS

Pyruvate Kinase; Polyclonal Antibody; Pyruvate Kinase Antibody; Affinity Purified Rabbit Polyclonal Pyruvate Kinase Antibody; Polyclonal Pyruvate Kinase antibody; Anti-Pyruvate Kinase antibody; PKL antibody; RPK antibody; PKR antibody; PKRL antibody; pyruvate kinase type L antibody; R-type/L-type pyruvate kinase antibody; PK1 antibody; red cell/liver pyruvate kinase antibody; PKLR antibody; anti-PK1 antibody

PRODUCT SPECIFICATIONS

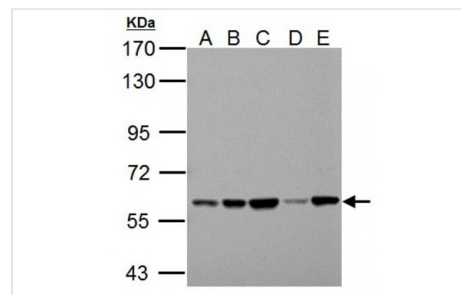
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	2430
Applicable Applications for anti-PK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



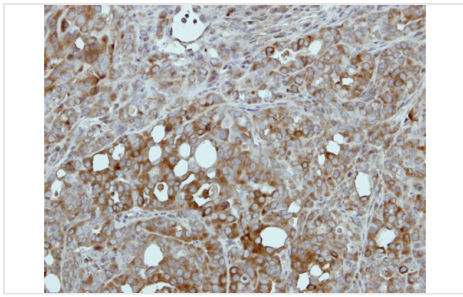
IF (Immunofluorescence)

Pyruvate Kinase antibody detects PKLR protein at Cytoplasm by immunofluorescent analysis. Sample: HepG2 cells were fixed in - 20 deg C 100% MeOH for 5 min. Green: PKLR protein stained by Pyruvate Kinase (liver/RBC) antibody diluted at 1:500. Blue: Hoechst 33343 staining.



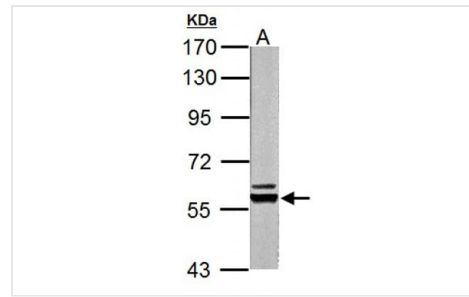
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: 293T; B: A431; C: HeLa; D: HepG2; E: A375) using a 7.5% SDS PAGE gel and Pyruvate Kinase antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded NCIN87 xenograft using Pyruvate Kinase antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of A. 20 ug Rat liver lysate/extract using a 7.5% SDS PAGE gel and Pyruvate Kinase antibody at a dilution of 1:10000

ADDITIONAL INFORMATION

Related Product Information for anti-PK1 antibody	The protein encoded by this gene is a pyruvate kinase that catalyzes the transphosphorylation of phohosphoenolpyruvate into pyruvate and ATP, which is the rate-limiting step of glycolysis. Defects in this enzyme, due to gene mutations or genetic variations, are the common cause of chronic hereditary nonspherocytic hemolytic anemia.
Product Categories/Family for anti-PK1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	159475254
NCBI GeneID	5721287
NCBI GenBank Nucleotide #	XP_001695738.1
Molecular Weight	62 kDa
NCBI Official Full Name	pyruvate kinase
NCBI Official Symbol	PYK4a
NCBI Protein Information	pyruvate kinase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pyruvate-kinase-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225542>