

Rabbit Pyruvate Kinase Polyclonal Antibody | anti-PKLR antibody

Pyruvate Kinase (liver/RBC) Antibody

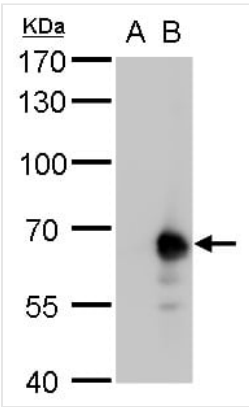
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306663	Rabbit	Human, Rat, Mouse	Western Blot

PRODUCT SYNONYMS

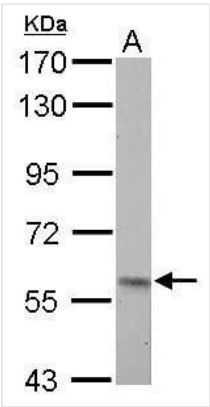
Pyruvate Kinase; Polyclonal Antibody; Pyruvate Kinase (liver/RBC) Antibody; PK1 antibody; PKL antibody; PKR antibody; PKRL antibody; RPK antibody; PKLR antibody; R-type/L-type pyruvate kinase antibody; pyruvate kinase type L antibody; red cell/liver pyruvate kinase antibody; pyruvate kinase 1 antibody; pyruvate kinase isozyme R/L; anti-PKLR antibody

PRODUCT SPECIFICATIONS

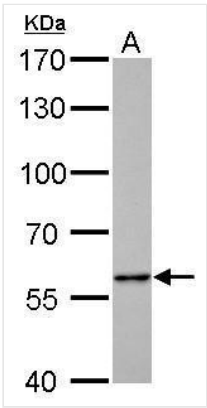
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Pyruvate Kinase (liver/RBC) protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	0.62 mg/ml (varies by lot)
Sequence Length	574
Applicable Applications for anti-PKLR antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 301 of Pyruvate Kinase.
Target Name	Pyruvate Kinase (liver/RBC)
Preparation and Storage	Store at -20 degree C



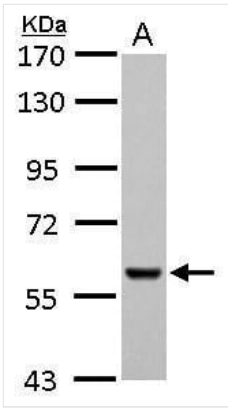
WB (Western Blot)
Pyruvate Kinase (liver/RBC) antibody detects Pyruvate Kinase (liver/RBC) protein by western blot analysis.A. 30 mug 293T whole cell lysate/extract B. 5 mug whole cell lysate/extract of human PKLR-transfected 293T cells7.5 % SDS-PAGE diluted at 1:10000



Application Data
Pyruvate Kinase (liver/RBC) antibody detects PKLR protein by Western blot analysis.A. 50 ?g rat liver lysate/extract7.5 % SDS-PAGE dilution: 1:500



Application Data
Pyruvate Kinase (liver/RBC) antibody detects PKLR protein by Western blot analysis.A. 30 ?g Raw264.7 whole cell lysate/extract 7.5 % SDS-PAGE dilution: 1:1000



Application Data
Pyruvate Kinase (liver/RBC) antibody detects PKLR protein by Western blot analysis.A. 30 ?g K562 whole cell lysate/extract7.5 % SDS-PAGE diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-PKLR antibody	The protein encoded by this gene is a pyruvate kinase that catalyzes the transphosphorylation of phohsphoenolpyruvate 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 (CNSHA or HNSHA). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Product Categories/Family for anti-PKLR antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835121
NCBI GeneID	5313
NCBI Accession #	NP_000289.1
NCBI GenBank Nucleotide #	NM_000298.5
UniProt Accession #	P30613; O75758; P11973
Molecular Weight	58,494 Da
NCBI Official Full Name	pyruvate kinase PKLR isoform 1

NCBI Official Synonym Full Names	pyruvate kinase, liver and RBC
NCBI Official Symbol	PKLR
NCBI Official Synonym Symbols	PK1; PKL; PKR; RPK; PKRL
NCBI Protein Information	pyruvate kinase PKLR
UniProt Protein Name	Pyruvate kinase PKLR
UniProt Gene Name	PKLR
UniProt Synonym Gene Names	PK1; PKL
UniProt Entry Name	KPYR_HUMAN

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-elisa/306663>