

Rabbit anti-Human Pyruvate Kinase Polyclonal Antibody | anti-PKLR antibody

Pyruvate Kinase(liver/RBC) antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304174	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

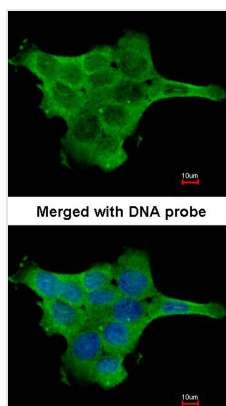
PRODUCT SYNONYMS

Pyruvate Kinase; Polyclonal Antibody; Pyruvate Kinase(liver/RBC) antibody; anti-PKLR antibody

PRODUCT SPECIFICATIONS

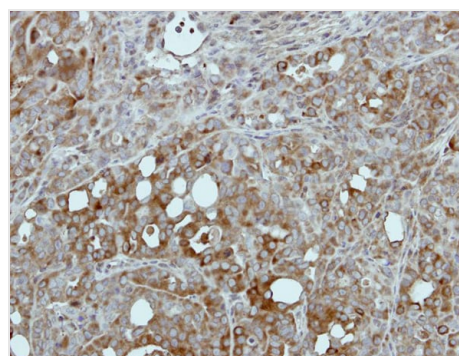
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	574
Applicable Applications for anti-PKLR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 230 of Pyruvate Kinase(liver/RBC)
Target Name	Pyruvate Kinase(liver/RBC)
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



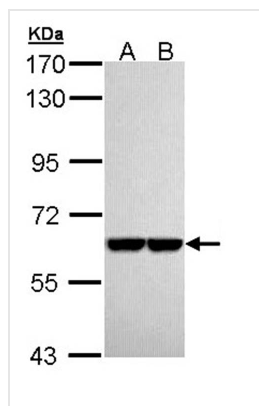
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using Pyruvate Kinase(liver/RBC) antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded NCIN87 xenograft, using Pyruvate Kinase (liver/RBC) antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: H1299 B: HeLa 7.5% SDS PAGE Primary antibody diluted at 1: 5000

ADDITIONAL INFORMATION

Related Product Information for anti-PKLR antibody	The protein encoded by this gene is a pyruvate kinase that catalyzes the transphosphorylation of phosphoenolpyruvate 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
NCBI GenBank Nucleotide #	NM_000298.5
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-immunofluorescence-immunohistochemistry-western-blot-elisa/304174>