

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

PKLR Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201484	Rabbit	Human	Immunohistochemistry, Western Blot

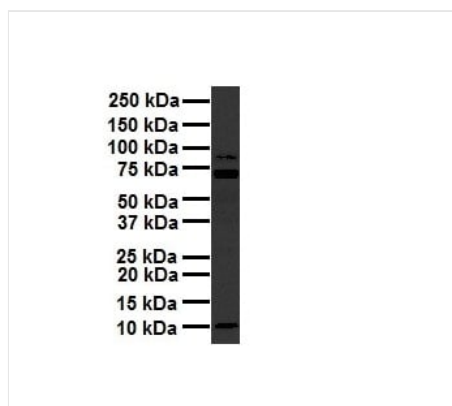
PRODUCT SYNONYMS

PKLR; Polyclonal Antibody; PKLR Antibody - N-terminal region; anti-PKLR antibody

PRODUCT SPECIFICATIONS

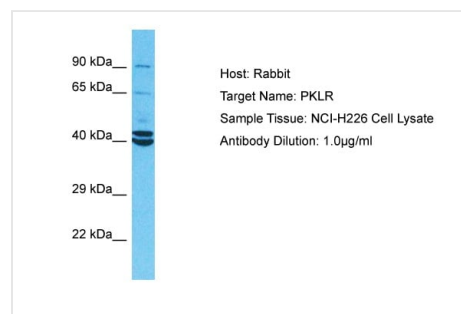
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TV DPAFRTRGNA NTVWVDYPNI VRVVPVGGRI YIDDGLISLV VQKIGPEG
Sequence Length	574
Applicable Applications for anti-PKLR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PKLR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



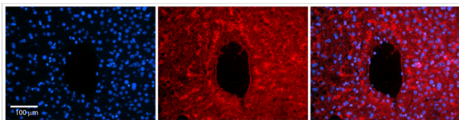
WB (Western Blot)

WB Suggested Anti-PKLR antibody Titration: 1 ug/ml Sample Type: Human liver



WB (Western Blot)

Host: Rabbit Target Name: PKLR Sample Type: NCI-H226 Whole Cell Lysates Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-PKLR Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult liver
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-PKLR antibody	This is a rabbit polyclonal antibody against PKLR. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-PKLR antibody	Polyclonal ; Developmental Biology ; Signal Transduction ; Various ; Disease Related ; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	32967597
NCBI GeneID	5313
NCBI Accession #	NP_870986.1
NCBI GenBank Nucleotide #	NM_181871.3
UniProt Accession #	P30613
Molecular Weight	63kDa
NCBI Official Full Name	pyruvate kinase PKLR isoform 2
NCBI Official Synonym Full Names	pyruvate kinase L/R
NCBI Official Symbol	PKLR
NCBI Official Synonym Symbols	PK1; PKL; 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/pklr-antibody-immunohistochemistry-western-blot-elisa/201484>