

Rabbit PKLR Polyclonal Antibody | anti-PKLR antibody

PKLR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323045	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

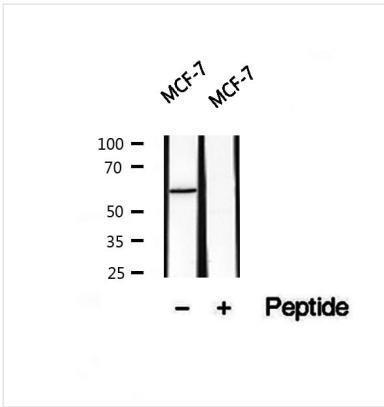
PRODUCT SYNONYMS

PKLR; Polyclonal Antibody; PKLR Antibody; EC 2.7.1.40; KPYR_HUMAN; L-PK; Pk-1; PK1; PKL; Pklg; Pklr; PKR; PKRL; Pyruvate kinase 1; Pyruvate kinase isozymes R/L; Pyruvate kinase liver and blood cell; Pyruvate kinase liver and RBC; Pyruvate kinase liver and red blood cell; Pyruvate kinase liver type; Pyruvate kinase type L; Pyruvate kinase; red cell type; R type/L type pyruvate kinase; R-PK; R-type/L-type pyruvate kinase; Red cell/liver pyruvate kinase; RPK; anti-PKLR antibody

PRODUCT SPECIFICATIONS

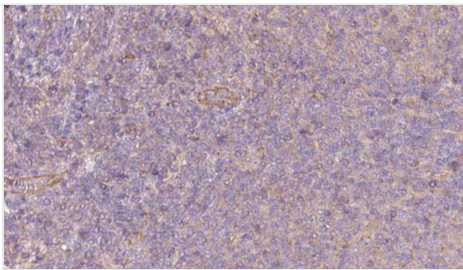
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PKLR antibody detects endogenous levels of PKLR.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	574
Applicable Applications for anti-PKLR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PKLR.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (92%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



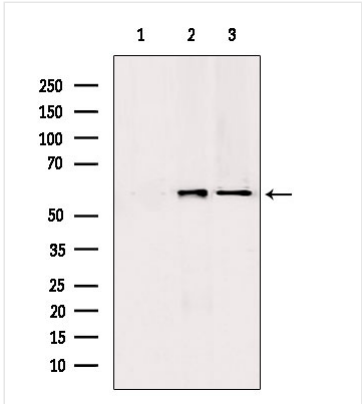
WB (Western Blot)

Western blot analysis of extracts of MCF7 cells, using PKLR antibody.



IHC (Immunohiostchemistry)

AAA323045 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from various samples, using PKLR antibody. Lane 1: mouse brain treated with blocking peptide. Lane 2: Mouse brain; Lane 3: Hela;

ADDITIONAL INFORMATION

Related Product Information for anti-PKLR antibody	Function: Plays a key role in glycolysis. Subunit Structure: Homotetramer. Similarity: Belongs to the pyruvate kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835121
NCBI GeneID	5313
NCBI Accession #	NP_000289.1
NCBI GenBank Nucleotide #	NM_000298.6
UniProt Accession #	P30613; O75758; P11973
Molecular Weight	Observed: 58 kDa Predicted: 62 kDa
NCBI Official Full Name	pyruvate kinase PKLR isoform 1
NCBI Official Synonym Full Names	pyruvate kinase L/R
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

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/323045>