

PKLR

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 61kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human PKLR

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PK1; PKL; PKR; RPK; PKRL;

Catalog #: A1924

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5313

Isotype: IgG

Swiss Prot: P30613

Purity: Affinity purification

For research use only.

Background:

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.

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