

## PKLR

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**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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