

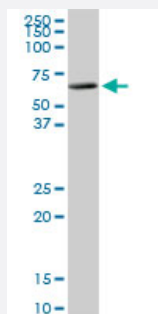
MaxPab®

PKLR purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005313-D01P

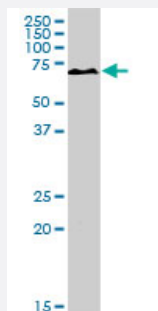
Size 100 ug

Applications



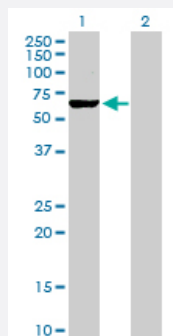
Western Blot (Tissue lysate)

PKLR MaxPab rabbit polyclonal antibody. Western Blot analysis of PKLR expression in human placenta.



Western Blot (Tissue lysate)

PKLR MaxPab rabbit polyclonal antibody. Western Blot analysis of PKLR expression in mouse testis.



Western Blot (Transfected lysate)

Western Blot analysis of PKLR expression in transfected 293T cell line ([H00005313-T01](#)) by PKLR MaxPab polyclonal antibody.

Lane 1: PKLR transfected lysate(61.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PKLR protein.

Immunogen	PKLR (NP_000289.1, 1 a.a. ~ 574 a.a) full-length human protein.
Sequence	MSIQENISSLQLRSWVSKSQRDLAKSILIGAPGGPAGYLRRASVAQLTQELGTAFFQQQQLPAAM ADTFLEHLCLLDIDSEPVAARSTSIATIGPASRSVERLKEMIKAGMNIARLNFSGSHEYHAESIANV REAVESFAGSPLSYRPVAIALDTKGPEIRTGILQGGPESEVELVKGSQVLVTVDPAFRTRGNANTV WVDYPNIVRVVPVGGRMDDGLISLVVQKIGPEGLVTQVENGGVLGSRKGVNLPGAQVDLPGLSE QDVRDLRFGEHGVDMVFASFVRKASDVAAVRAALGPEGHGKIKIENHEGVKRFDEILEVSDGI MVARGDLGIEIPAEEKVFLAQKMMIGRCNLGKPVVCATQMLESMTKPRPTRAETSDVANAVLDG ADCIMLSGETAKGNFPVEAVKMQHAIAREAEAAVYHRQLFEELRRAAPLSRDPTEVTAIGAVEAA FKCCAAAIIVLTTTGRSAQLLSRYRPRAAVIAVTRSAQAARQVHLCRGVFPLLYREPPEAMWADDV DRRVQFGIESGKLRGFLRVGDLVIVVTGWRPGSGYTNIMRVLSIS
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PKLR MaxPab rabbit polyclonal antibody. Western Blot analysis of PKLR expression in human placenta.

[Protocol Download](#)

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PKLR MaxPab rabbit polyclonal antibody. Western Blot analysis of PKLR expression in mouse testis.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PKLR expression in transfected 293T cell line ([H00005313-T01](#)) by PKLR MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — PKLR

Entrez GeneID

[5313](#)

GeneBank Accession#	NM_000298.4
Protein Accession#	NP_000289.1
Gene Name	PKLR
Gene Alias	PK1, PKL, PKR, PKRL, RPK
Gene Description	pyruvate kinase, liver and RBC
Omim ID	266200 609712
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	R-type/L-type pyruvate kinase pyruvate kinase 1 pyruvate kinase isozyme R/L pyruvate kinase type L pyruvate kinase, liver and RBC type pyruvate kinase, liver and blood cell red cell/liver pyruvate kinase

Pathway

- [Glycolysis / Gluconeogenesis](#)
- [Insulin signaling pathway](#)
- [Maturity onset diabetes of the young](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyruvate metabolism](#)
- [Type II diabetes mellitus](#)

Disease

- [Diabetes Mellitus](#)
- [Drug Toxicity](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Metabolism](#)
- [Obesity](#)
- [Overweight](#)