

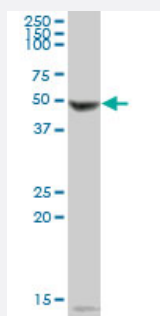
MaxPab®

PAH purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005053-B01P

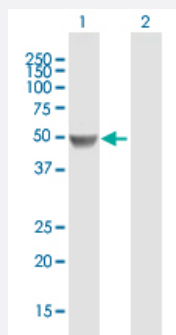
Size 50 ug

Applications



Western Blot (Tissue lysate)

PAH MaxPab polyclonal antibody. Western Blot analysis of PAH expression in human liver.

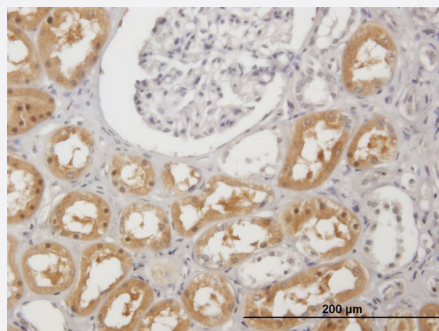


Western Blot (Transfected lysate)

Western Blot analysis of PAH expression in transfected 293T cell line ([H00005053-T01](#)) by PAH MaxPab polyclonal antibody.

Lane 1: PAH transfected lysate(49.72 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to PAH on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PAH protein.

Immunogen	PAH (AAH26251.1, 1 a.a. ~ 452 a.a) full-length human protein.
Sequence	MSTAVLENPGLGRKLSDFGQETSYIEDNCNQNGAISLIFSLKEEVGALAKVLRLFEENDVNLTHIES RPSRLKKDEYEFFTHLDKRSLPALTNIIKILRHDIGATVHELSDKKKDTVPWFPRTIQELDRFANQIL SYGAELDADHPGFKDPVYRARRKQFADIAYNRHHGQPIPRVEYMEEGKKTWGTVFKTLKSLYKTH ACYEYNHIFLPLEKYCGFHEDNIPQLEDVVSQFLQTCTGFRLRPVAGLLSSRDFLGGLAFRVFHCTQ YIRHGSKPMYTPEDICHELLGHVPLFSDRSFAQFSQEIGLASLGAPDEYIEKLATYWFTVEFGLC KQGDSIKAYGAGLLSSFGEQYCLSEKPKLLPLELEKTAIQNYTVTEFQPLYVAESFNDAKEKVR NFAATIPRPFVRYDPYTQRIEVLDTNTQQLKILADSINSEIGILCSALQKIK
Host	Mouse
Reactivity	Human
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)

PAH MaxPab polyclonal antibody. Western Blot analysis of PAH expression in human liver.

[Protocol Download](#)

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Gene Info — PAH

Entrez GeneID [5053](#)

GeneBank Accession#	BC026251.1
Protein Accession#	AAH26251.1
Gene Name	PAH
Gene Alias	PH, PKU, PKU1
Gene Description	phenylalanine hydroxylase
Omim ID	261600
Gene Ontology	Hyperlink
Gene Summary	PAH encodes the enzyme phenylalanine hydroxylase that is the rate-limiting step in phenylalanine catabolism. Deficiency of this enzyme activity results in the autosomal recessive disorder phenylk etonuria. [provided by RefSeq
Other Designations	-

Pathway

- [Metabolic pathways](#)
- [Phenylalanine](#)

Disease

- [Anorexia Nervosa](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cognition](#)
- [Dyskinesia](#)
- [Galactosemias](#)
- [Genetic Predisposition to Disease](#)
- [Hallucinations](#)
- [Male Urogenital Diseases](#)
- [Mental Disorders](#)

- [Phenylketonuria](#)
- [Phenylketonurias](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)