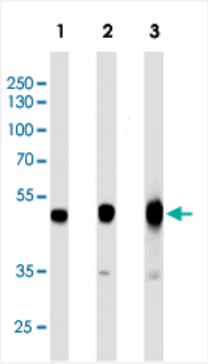
PAH monoclonal antibody, clone 717CT21.1.1

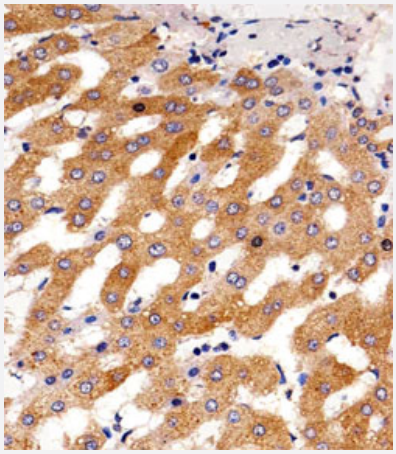
Catalog # MAB12350 Size 400 uL

Applications



Western Blot

Western blot analysis of Lane 1: HepG2 cell line lysates Lane 2: mouse liver tissue lysates Lane 3: rat liver tissue lysates reacted with PAH monoclonal antibody (Cat # MAB12350) at 1:1000 dilution.



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

Immunohistochemical staining of paraffin-embedded human liver section reacted with PAH monoclonal antibody (Cat # MAB12350) at 1:25 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human PAH.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 127-161 at internal region of human PAH.
Host	Mouse
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Protein G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (1:25) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of Lane 1: HepG2 cell line lysates Lane 2: mouse liver tissue lysates Lane 3: rat liver tissue lysates reacted with PAH monoclonal antibody (Cat # MAB12350) at 1:1000 dilution.

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

  Immunohistochemical staining of paraffin-embedded human liver section reacted with PAH monoclonal antibody (Cat # MAB12350) at 1:25 dilution.

Gene Info — PAH

Entrez GeneID	5053
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