

For Research Use Only

PAH Recombinant antibody

Catalog Number: 86231-2-RR



Basic Information

Catalog Number:

86231-2-RR

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9541

GenBank Accession Number:

BC026251

GeneID (NCBI):

5053

UNIPROT ID:

P00439

Full Name:

phenylalanine hydroxylase

Calculated MW:

452 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Protein A purification

CloneNo.:

251007A9

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse kidney tissue, HepG2 cells, mouse liver tissue, rat liver tissue

Background Information

PAH, also known as PH, belongs to the aromatic amino acid hydroxylase (AAAH) enzyme family. PAH catalyzes the conversion of L-phenylalanine (L-Phe) to L-tyrosine (L-Tyr) by para-hydroxylation of the aromatic side chain. PAH is primarily present in the liver, where removal of excess L-Phe prevents the neurotoxic effect of hyperphenylalaninemia (HPA). The calculated molecular weight of PAH is 52 kDa (PMID: 23457044).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

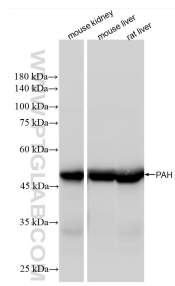
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86231-2-RR (PAH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.