

Product Name: PAH Rabbit Monoclonal Antibody**Catalog #: AMRe87753**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,FC |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:1000-1:5000,IHC 1:50-1:100,ICC/IF 1:50-1:100,FC 1:10-1:100 |
| Molecular Weight | Calculated MW:52 kDa; Observed MW:52 kDa |

Antigen Information

| | |
|--------------------------|----------------------------------|
| Gene Name | PAH |
| Alternative Names | PH; PKU; PKU1 |
| Gene ID | 5053 |
| SwissProt ID | P00439 |
| Immunogen | A synthetic peptide of human PAH |

Background

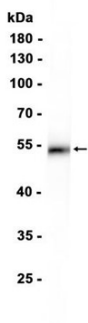
This gene encodes a member of the bipterin-dependent aromatic amino acid hydroxylase protein family. The encoded phenylalanine hydroxylase enzyme hydroxylates phenylalanine to tyrosine and is the rate-limiting step in phenylalanine

catabolism. Deficiency of this enzyme activity results in the autosomal recessive disorder phenylketonuria. [provided by RefSeq, Aug 2017]

Research Area

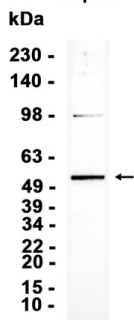
Image Data

Mouse liver



Western blot analysis of extracts from Mouse liver tissue using PAH Rabbit Monoclonal Antibody at 1:1000.

HepG2



Western blot analysis of extracts from HepG2 cells using AMRe87753 at 1:1000.