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PAH Rabbit mAb

Catalog # AP74871

Product Information

Application	WB, IHC-P, FC
Primary Accession	P00439
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	51862

Additional Information

Gene ID	5053
Other Names	PAH
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:200-1:500
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

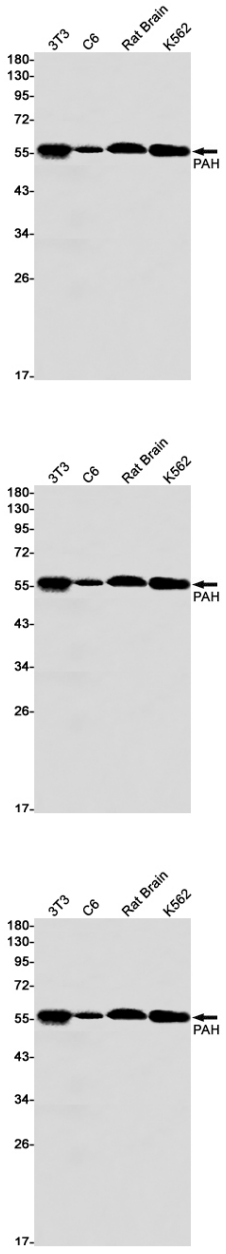
Protein Information

Name	PAH
Function	Catalyzes the hydroxylation of L-phenylalanine to L-tyrosine.

Background

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).

Images



Western blot analysis of PAH in 3T3, C6, rat Brain, K562 lysates using PAH antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.