

PAH Antibody (Center)

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AW5074

Product Information

Application	IHC-P, WB
Primary Accession	P00439
Other Accession	P04176 , P16331 , Q2KIH7
Reactivity	Human, Mouse, Rat
Predicted	Bovine
Host	Mouse
Clonality	Monoclonal
Calculated MW	51862
Isotype	IgG1, κ
Antigen Source	HUMAN

Additional Information

Gene ID	5053
Antigen Region	127-161
Other Names	Phenylalanine-4-hydroxylase, PAH, Phe-4-monooxygenase, PAH
Dilution	IHC-P~~1:100~500 WB~~1:1000
Target/Specificity	This PAH antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 127-161 amino acids from the Central region of human PAH.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PAH Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

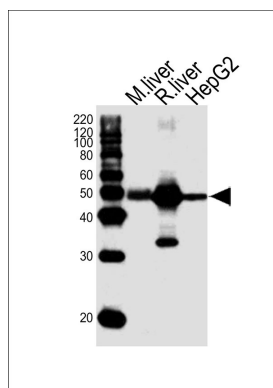
Protein Information

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

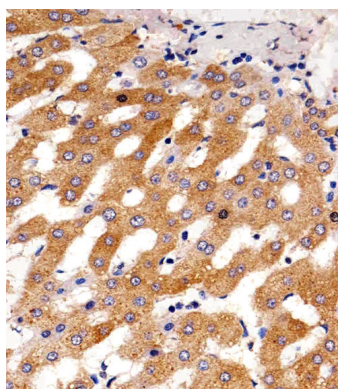
References

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Scriver C.R.,et al.Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases.
Cotton R.G.,et al.Biochem. J. 255:193-196(1988).
Miranda F.F.,et al.J. Biol. Chem. 277:40937-40943(2002).
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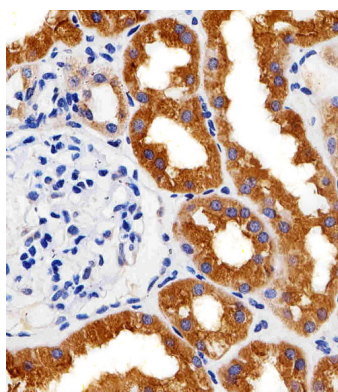
Images



Western blot analysis of lysates from mouse liver, rat liver tissue, HepG2 cell line (from left to right), using PAH Antibody (Center)(Cat. #AW5074). AW5074 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

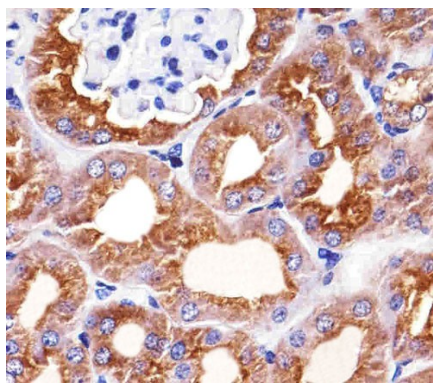


Immunohistochemical analysis of paraffin-embedded H. liver section using PAH Antibody (Center)(Cat#AW5074). AW5074 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H. kidney section using PAH Antibody (Center)(Cat#AW5074). AW5074 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

Immunohistochemical analysis of paraffin-embedded M. kidney section using PAH Antibody (Center)(Cat#AW5074). AW5074 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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