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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.

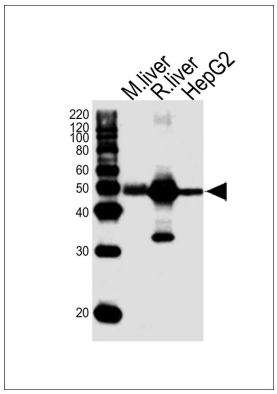
Protein Information

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

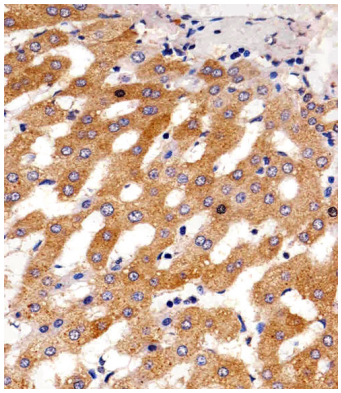
References

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Cotton R.G.,et al.Biochem. J. 255:193-196(1988).
Miranda F.F.,et al.J. Biol. Chem. 277:40937-40943(2002).
Siltberg-Liberles J.,et al.Gene 427:86-92(2008).

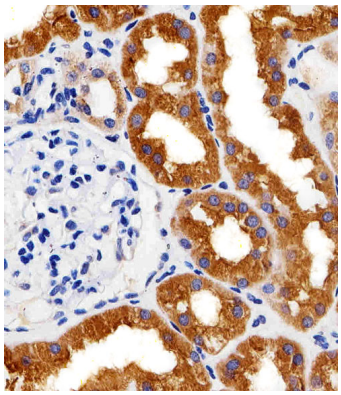
Images



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.

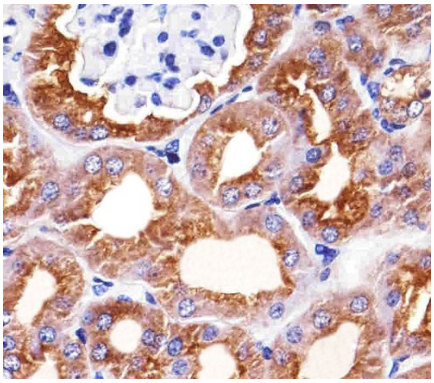


Immunohistochemical analysis of paraffin-embedded H. liver section using PAH Antibody (Center)(Cat#AW5074). AW5074 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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'.