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PAH Antibody (Center)

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8419b

Product Information

Application	WB, IHC-P, E
Primary Accession	P00439
Reactivity	Human, Mouse, Rat
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,κ
Clone Names	717CT21.1.1
Calculated MW	51862

Additional Information

Gene ID	5053
Other Names	Phenylalanine-4-hydroxylase, PAH, Phe-4-monooxygenase, PAH
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.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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.

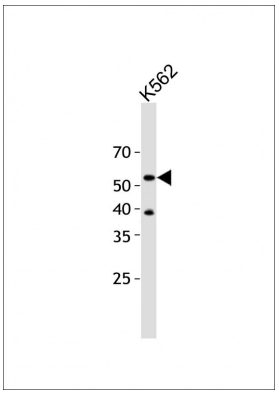
Protein Information

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

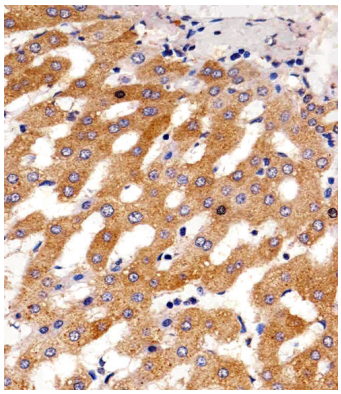
References

Kwok S.C.M.,et al.Biochemistry 24:556-561(1985).
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).
Siltberg-Liberles J.,et al.Gene 427:86-92(2008).

Images



All lanes: Anti-PAH Antibody (Center) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated (ASP1613) at 1/8000 dilution. Observed band size: 52 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded H. liver section using PAH Antibody (Center)(Cat#AM8419b). AM8419b 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.

Citations

- Integrated Proteomics and Metabolomics Reveal the Mechanism of Nephrotoxicity Induced by Triptolide

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