

PAH Antibody (Center)

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AM8419b

Product Information

Application	WB, IHC-P, E
Primary Accession	P00439
Reactivity	Human, Mouse, Rat
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.

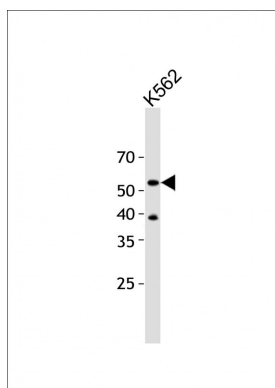
Protein Information

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.

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'.