

ARG55674 anti-PAH antibody [717CT21.1.1]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes PAH
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	717CT21.1.1
Isotype	IgG1, kappa
Target Name	PAH
Species	Human
Immunogen	KLH-conjugated Synthetic peptide corresponding to aa. 127-161 (Center) of Human PAH.
Conjugation	Un-conjugated
Alternate Names	PKU; Phe-4-monooxygenase; PAH; PKU1; PH; Phenylalanine-4-hydroxylase; EC 1.14.16.1

Application Instructions

Application table	Application	Dilution
	IHC-P	1:25
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

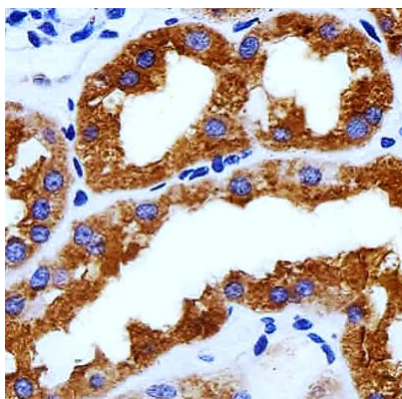
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

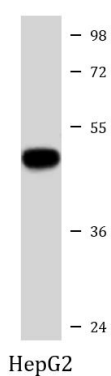
Database links	GeneID: 18478 Mouse
	GeneID: 5053 Human
	Swiss-port # P00439 Human
	Swiss-port # P16331 Mouse
Gene Symbol	PAH
Gene Full Name	phenylalanine hydroxylase
Background	PAH encodes the enzyme phenylalanine hydroxylase that is the rate-limiting step in phenylalanine catabolism. Deficiency of this enzyme activity results in the autosomal recessive disorder phenylketonuria. [provided by RefSeq, Jul 2008]
Calculated Mw	52 kDa
PTM	Phosphorylation at Ser-16 increases basal activity and facilitates activation by the substrate phenylalanine.

Images



ARG55674 anti-PAH antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue stained with ARG55674 anti-PAH antibody at 1:25 dilution.



ARG55674 anti-PAH antibody WB image

Western blot: 35 µg of HepG2 cell lysate stained with ARG55674 anti-PAH antibody at 1:1000 dilution.