

PAH recombinant antibody

PAH Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279001	HEK293F Cell	Human	Immunofluorescence, Immunohistochemistry, ELISA

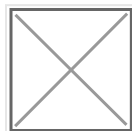
PRODUCT SYNONYMS

PAH; Monoclonal Recombinant Antibody; PAH Recombinant Monoclonal Antibody; Phenylalanine-4-hydroxylase (PAH)(EC 1.14.16.1)(Phe-4-monooxygenase); PAH recombinant antibody

PRODUCT SPECIFICATIONS

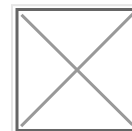
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	17D10
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for PAH recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human PAH
Conjugation	Non-conjugated
Research Area	Metabolism; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MCF-7 cell with AAA279001 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 598-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA279001 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for PAH recombinant antibody	Catalyzes the hydroxylation of L-phenylalanine to L-tyrosine. {ECO:0000269 PubMed:18460651, ECO:0000269 PubMed:18835579}.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129973
NCBI GeneID	5053
UniProt Accession #	P00439; Q16717; Q8TC14
Molecular Weight	452
NCBI Official Full Name	Phenylalanine-4-hydroxylase
NCBI Official Synonym Full Names	phenylalanine hydroxylase
NCBI Official Symbol	PAH
NCBI Official Synonym Symbols	PH; PKU; PKU1
NCBI Protein Information	phenylalanine-4-hydroxylase; phe-4-monooxygenase; phenylalanine 4-monooxygenase
UniProt Protein Name	Phenylalanine-4-hydroxylase
UniProt Gene Name	PAH
UniProt Synonym Gene Names	PAH
UniProt Entry Name	PH4H_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pah-recombinant-antibody-clone-17d10-immunofluorescence-immunohistochemistry-elisa/279001>