

Phenylalanine Hydroxylase Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3321a

Specification

Phenylalanine Hydroxylase Antibody (internal region) - Product Information

Application	WB, Pep-ELISA
Primary Accession	P00439
Other Accession	NP_000268.1 , 5053 , 18478 (mouse) , 24616 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	51862

Phenylalanine Hydroxylase Antibody (internal region) - Additional Information

Gene ID 5053

Other Names

Phenylalanine-4-hydroxylase, PAH, 1.14.16.1, Phe-4-monooxygenase, PAH

Dilution

WB~~1:1000

Pep-ELISA~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Phenylalanine Hydroxylase Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Phenylalanine Hydroxylase Antibody (internal region) - Protein Information

Name PAH

Function

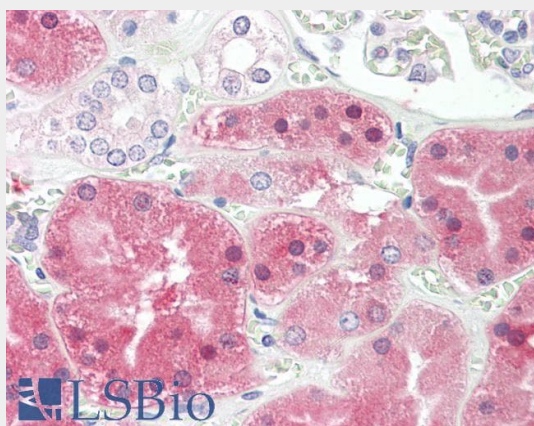
Catalyzes the hydroxylation of L-phenylalanine to L-tyrosine.

Phenylalanine Hydroxylase Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Phenylalanine Hydroxylase Antibody (internal region) - Images



EB10324 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

EB10324 (0.3µg/ml) staining of Rat Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Phenylalanine Hydroxylase Antibody (internal region) - References

Mutations of the phenylalanine hydroxylase gene in Iranian Azeri Turkish patients with

phenylketonuria. Bonyadi M, Omrani O, Moghanjoghi SM, Shiva S, Genetic testing and molecular biomarkers 2010 Apr 14 (2): 233-5. PMID: 20187763