

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

### Specification

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### Phenylalanine Hydroxylase Antibody (internal region) - Product Information

Application	IHC, WB
Primary Accession	<a href="#">P00439</a>
Other Accession	<a href="#">NP_000268.1</a> , <a href="#">5053</a> , <a href="#">18478 (mouse)</a> , <a href="#">24616 (rat)</a>
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-monoxygenase, PAH

**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**

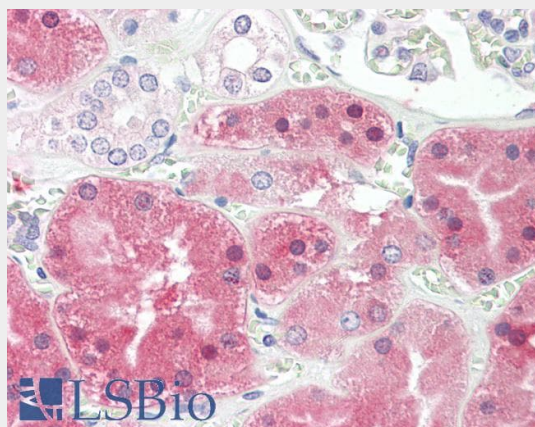
Catalyzes the hydroxylation of L-phenylalanine to L-tyrosine.

### 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 (3.75 $\mu$ g/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.**



EB10324 (0.3 $\mu$ g/ml) staining of Rat Kidney lysate (35 $\mu$ g 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