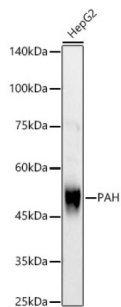
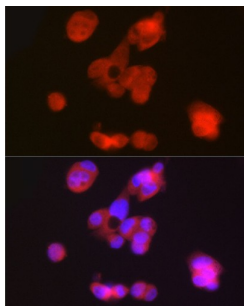


Phenylalanine Hydroxylase (PAH) Antibody

Catalogue No.: abx001310



Western blot analysis of lysates from HepG2 cells, using PAH Antibody at 1/700 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.



Immunofluorescence analysis of HepG2 cells using PAH Antibody at dilution of 1/50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

PAH Antibody is a Rabbit Polyclonal antibody against PAH. 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.

Target: Phenylalanine Hydroxylase (PAH)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IF/ICC

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant protein corresponding to PAH. The exact sequence is proprietary.

Isotype: IgG

Form: Liquid

Datasheet

Version: 5.0.0
Revision date: 08 Oct 2025



Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P00439 (UniProt , ExPASy)
Gene Symbol:	PAH
GeneID:	5053
NCBI Accession:	NP_000268.1
KEGG:	hsa:5053
String:	9606.ENSP00000448059
Molecular Weight:	Calculated MW: 52 kDa Observed MW: 52 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.