

PAC750Hu01

Polyclonal Antibody to Phenylalanine Hydroxylase (PAH)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 10µg(20µL)

Cross Reactivity: Mouse;Rat;Porcine

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant PAH (Met1~Gln226) expressed in *E.coli*

Accession No.: RPC750Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

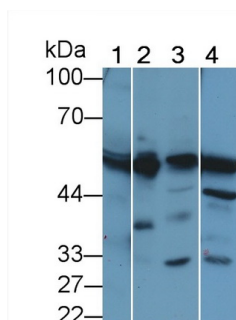
Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

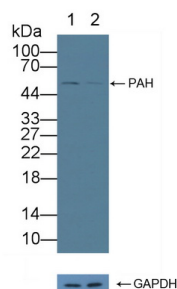
Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

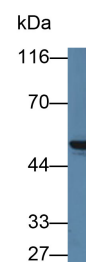
[IDENTIFICATION]



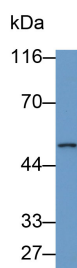
Western Blot; Sample: Lane1: Porcine Liver lysate; Lane2: Porcine Kidney lysate; Lane3: Mouse Gallbladder lysate; Lane4: HeLa cell lysate
Primary Ab: 2µg/ml Rabbit Anti-Human PAH Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



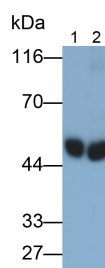
Knockout Varification:
Lane 1: Wild-type HeLa cell lysate;
Lane 2: PAH knockout HeLa cell lysate;
Predicted MW: 51kd
Observed MW: 55kd
Primary Ab: 2µg/ml Rabbit Anti-Human PAH Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Human Liver lysate
Primary Ab: 2µg/ml Rabbit Anti-Human PAH Antibody
Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: HeLa cell lysate
Primary Ab: 0.2µg/ml Rabbit Anti-Human PAH Antibody
Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Mouse Liver lysate; Lane2: Rat Liver lysate;
Primary Ab: 0.1µg/ml Rabbit Anti-Human PAH Antibody
Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.