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Datasheet for ABIN7163080

anti-Phenylalanine Hydroxylase antibody (AA 2-452)

3 Images

Overview

Quantity:	100 µg
Target:	Phenylalanine Hydroxylase
Binding Specificity:	AA 2-452
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phenylalanine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Phenylalanine-4-hydroxylase protein (2-452AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Phenylalanine Hydroxylase
Alternative Name:	PAH (Phenylalanine Hydroxylase Products)
Background:	Background: cytosol, extracellular exosome, phenylalanine 4-monooxygenase activity, catecholamine biosynthetic process, cellular amino acid biosynthetic process, cellular nitrogen

Target Details

compound metabolic process, L-phenylalanine catabolic process, neurotransmitter biosynthetic process, small molecule metabolic process

Aliases: PAH antibody, PH antibody, PH4H_HUMAN antibody, Phe 4 monooxygenase antibody, Phe-4-monooxygenase antibody, Phenylalanine 4 hydroxylase antibody, Phenylalanine hydroxylase antibody, Phenylalanine-4-hydroxylase antibody, PKU antibody, PKU1 antibody

UniProt: [P00439](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

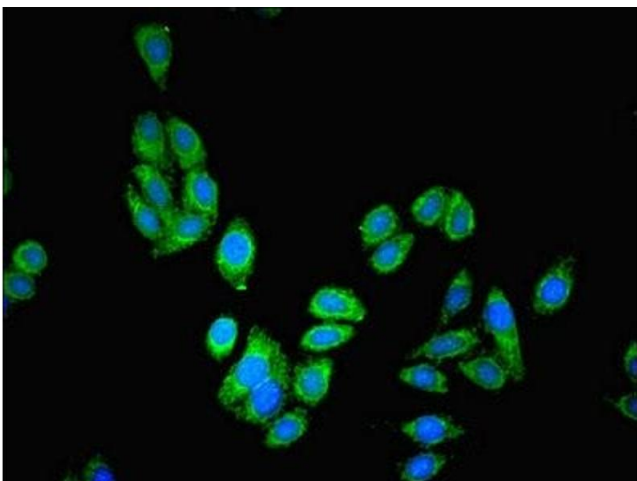
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



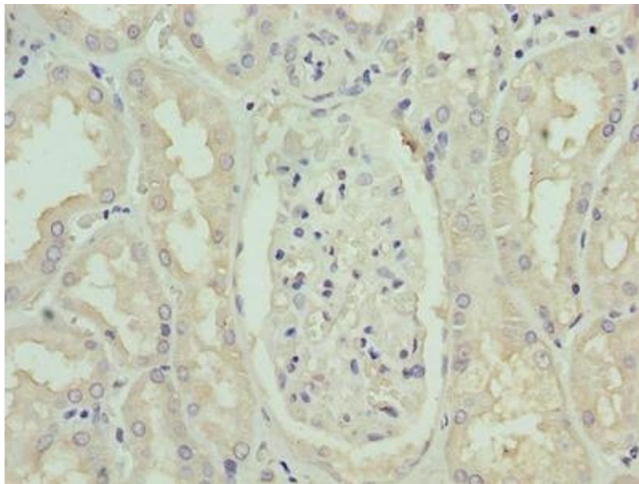
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7163080 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western blot All lanes: PAH antibody at 2.5 µg/mL
Lane 1: Mouse kidney tissue Lane 2: Mouse liver tissue
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 52 kDa Observed band size: 52 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7163080 at dilution of 1:100