

PCBD1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 12kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PCBD1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PCD; PHS; DCOH; PCBD;

Catalog #: A6392

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5092

Isotype: IgG

Swiss Prot: P61457

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the pterin-4- α -carbinolamine dehydratase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein functions as both a dehydratase involved in tetrahydrobiopterin biosynthesis, and as a cofactor for HNF1A-dependent transcription. A deficiency of this enzyme leads to hyperphenylalaninemia. Alternative splicing results in multiple transcript variants.

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