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PCBD1 Polyclonal Antibody

Cat #: G-AB-06740

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
This gene encodes a member of the pterin-4-alpha-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.

Gene ID:

Accession #: BC006324

Immunogen: Fusion protein of human PCBD1

Conjugation: Unconjugated

Swissprot: P61457

Calculated Molecular Weight: 12 kDa

Observed Molecular Weight: Refer to figures

Concentration: 1.62 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:500-1:2000, IHC 1:80-1:400, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.