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Pcbd1 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10366

Product Information

Application	WB
Primary Accession	P61458
Other Accession	NM_025273, NP_079549
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine, Yeast
Predicted	Human, Zebrafish, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11986

Additional Information

Gene ID	13180
Alias Symbol	Dcoh, Pcbd
Other Names	Pterin-4-alpha-carbinolamine dehydratase, PHS, 4.2.1.96, 4-alpha-hydroxy-tetrahydropterin dehydratase, Dimerization cofactor of hepatocyte nuclear factor 1-alpha, DCoH, Dimerization cofactor of HNF1, Phenylalanine hydroxylase-stimulating protein, Pterin carbinolamine dehydratase, PCD, Pcbd1, Dcoh, Pcbd
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Pcbd1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Pcbd1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Pcbd1
Synonyms	Dcoh, Pcbd
Function	Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2. Coactivator for HNF1A-dependent transcription. Regulates the dimerization of homeodomain protein HNF1A and enhances its transcriptional activity (By similarity). Also acts as a coactivator for HNF1B-dependent transcription (By

	similarity).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:P61459}. Nucleus {ECO:0000250|UniProtKB:P61459}. Note=Recruited to the nucleus through the interaction with HNF1B. {ECO:0000250|UniProtKB:P35680}
Tissue Location	Mainly expressed in the liver, in pancreatic cells, and in the kidney, especially in the distal convoluted tubule, in the cortical thick ascending limb of Henle's loop and in the connecting tubule.

Images

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.