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PCBD1 Antibody

Rabbit mAb
Catalog # AP92808

Product Information

Application	WB, IHC
Primary Accession	P61457
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	DCoH; PCBD; PCBD1; PCD; PHS;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	12000

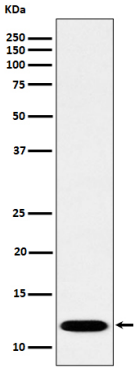
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PCBD1
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PCBD1
Synonyms	DCOH, PCBD
Function	Involved in tetrahydrobiopterin biosynthesis (By similarity). Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2. Coactivator for HNF1A-dependent transcription (By similarity). Regulates the dimerization of homeodomain protein HNF1A and enhances its transcriptional activity (By similarity). Also acts as a coactivator for HNF1B-dependent transcription (PubMed:24204001).
Cellular Location	Cytoplasm. Nucleus. Note=Recruited to the nucleus through the interaction with HNF1B.

Images



Western blot analysis of PCBD1 expression in Caco-2 cell lysate.

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