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PCBD2 Rabbit pAb

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Catalog # AP57709

Product Information

Application	WB
Primary Accession	Q9H0N5
Reactivity	Rat
Predicted	Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14365
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PCBD2
Epitope Specificity	31-130/130
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	84105
Other Names	Pterin-4-alpha-carbinolamine dehydratase 2, PHS 2, 4.2.1.96, 4-alpha-hydroxy-tetrahydropterin dehydratase 2, DcoH-like protein DCoHm, Dimerization cofactor of hepatocyte nuclear factor 1 from muscle, HNF-1-alpha dimerization cofactor, PCBD2, DCOH2, DCOHM
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

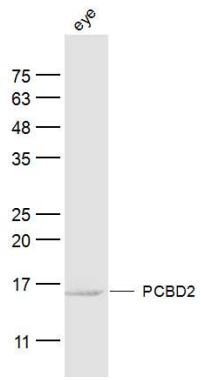
Name	PCBD2
Synonyms	DCOH2, DCOHM
Function	Plays a role in tetrahydrobiopterin biosynthesis which is a cofactor for amino acid hydroxylases. May prevent both the formation of 7-pterins and accelerate the formation of quinonoid-BH2 (By similarity). Regulates the

	dimerization of homeodomain protein HNF1A and enhances its transcriptional activity (PubMed:11980910). Also acts as a coactivator for HNF1B-dependent transcription (PubMed:33749890).
Cellular Location	Nucleus. Cytoplasm {ECO:0000250|UniProtKB:Q9CZL5}

Background

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Images



Sample:
Eye (Rat) Lysate at 40 ug
Primary: Anti-PCBD2 (AP57709) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 14 kD
Observed band size: 14 kD

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