

# PCBD2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57709

## Product Information

<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q9H0N5</a>
<b>Reactivity</b>	Rat, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	14365
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human PCBD2
<b>Epitope Specificity</b>	31-130/130
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SIMILARITY</b>	Belongs to the pterin-4-alpha-carbinolamine dehydratase family.
<b>SUBUNIT</b>	Homotetramer. Interacts with DYRK1B.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

## Additional Information

<b>Gene ID</b>	84105
<b>Other Names</b>	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
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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

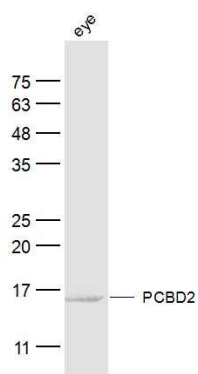
<b>Name</b>	PCBD2
<b>Synonyms</b>	DCOH2, DCOHM

## Function

Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2 (By similarity).

## Images

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### 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'.