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Datasheet for ABIN6976870  
**anti-PCBD2 antibody (AA 31-130) (Alexa Fluor 350)**

### Overview

Quantity:	100 µL
Target:	PCBD2
Binding Specificity:	AA 31-130
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCBD2 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCBD2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Sheep, Horse
Purification:	Purified by Protein A.

### Target Details

Target:	PCBD2
Alternative Name:	PCBD2 ( <a href="#">PCBD2 Products</a> )

## Target Details

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Background: Synonyms: Pterin-4-alpha-carbinolamine dehydratase 2, PCBD2, PHS 2, 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  
Background: Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2. Regulates the dimerization of homeodomain protein HNF-1-alpha and enhances its transcriptional activity.

Gene ID: 84105

UniProt: [Q9H0N5](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months