

# PCBD2 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14522

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9H0N5</a>
<b>Other Accession</b>	<a href="#">NM_032151</a> , <a href="#">NP_115527</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Yeast
<b>Predicted</b>	Human, Rabbit, Chicken
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	14365

## Additional Information

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<b>Gene ID</b>	84105
<b>Alias Symbol</b> <b>Other Names</b>	DCOH2, DCOHM, PHS2 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>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-PCBD2 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.
<b>Precautions</b>	PCBD2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PCBD2
<b>Synonyms</b>	DCOH2, DCOHM
<b>Function</b>	Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2 (By similarity).

## References

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Wiemann S.,et al.Genome Res. 11:422-435(2001).  
Schmutz J.,et al.Nature 431:268-274(2004).  
Lim S.,et al.J. Biol. Chem. 277:25040-25046(2002).  
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

## Images

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WB Suggested Anti-PCBD2 Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Small Intestine

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