

# PCBD2 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI14522

#### **Product Information**

Application WB

Primary Accession Q9H0N5

Other Accession <u>NM\_032151</u>, <u>NP\_115527</u>

**Reactivity** Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Yeast

**Predicted** Human, Rabbit, Chicken

Host Rabbit
Clonality Polyclonal
Calculated MW 14365

#### **Additional Information**

**Gene ID** 84105

Alias Symbol DCOH2, DCOHM, PHS2

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

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

**Reconstitution & Storage** 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.

**Precautions** PCBD2 antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **Protein Information**

Name PCBD2

**Synonyms** DCOH2, DCOHM

**Function** Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the

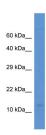
formation of 7-pterins and accelerate the formation of quinonoid-BH2 (By

similarity).

### References

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**



WB Suggested Anti-PCBD2 Antibody Titration: 1.0  $\mu$ g/ml Positive Control: Fetal Small Intestine

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