

Datasheet for ABIN2779650  
**anti-PCBD1 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	PCBD1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCBD1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PCBD1
Sequence:	MAGKAHRLSA EERDQLLPNL RAVGWNELEG RDAIFKQFHF KDFNRAFGFM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PCBD1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	PCBD1
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## Target Details

Alternative Name:	PCBD1 ( <a href="#">PCBD1 Products</a> )
Background:	<p>PCBD1 is pterin-4 alpha-carbinolamine dehydratase, an enzyme involved in phenylalanine hydroxylation. A deficiency of this enzyme leads to hyperphenylalaninemia. The enzyme regulates the homodimerization of the transcription factor hepatocyte nuclear factor 1 (HNF1). This gene encodes pterin-4 alpha-carbinolamine dehydratase, an enzyme involved in phenylalanine hydroxylation. A deficiency of this enzyme leads to hyperphenylalaninemia. The enzyme regulates the homodimerization of the transcription factor hepatocyte nuclear factor 1 (HNF1). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: DCOH, PCBD, PCD, PHS</p> <p>Protein Interaction Partner: TFF3, PCBD1, LNX1, FXR2, ACIN1, RPS24, APP, CDK5RAP2, UBC, HNF1A, DCUN1D1, COPS5, CUL1, CUL3, CUL4A, CUL4B, CUL5, MYC, ZNF567, ZNF714, TRIM5, PCBD2, EHMT1, SOWAHC, PAPOLG, HES4, CALCOCO1, MIS18BP1, KLF13, BRD7, ZNF451, DIP2C, SCMH1, POLR3A, WWP1, DENND4A,</p> <p>Protein Size: 104</p>
Molecular Weight:	12 kDa
Gene ID:	5092
NCBI Accession:	<a href="#">NM_000281</a> , <a href="#">NP_000272</a>
UniProt:	<a href="#">P61457</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 104 AA
Restrictions:	For Research Use only

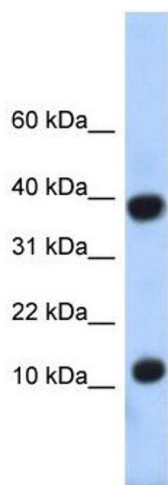
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-PCBD1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Liver