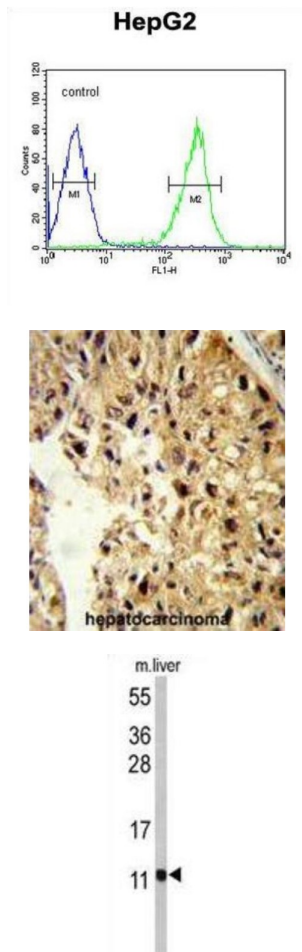


Pterin-4 Alpha-Carbinolamine Dehydratase 1 (PCBD1) Antibody

Catalogue No.: abx034228



PCBD1 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).

Target: Pterin-4 Alpha-Carbinolamine Dehydratase 1 (PCBD1)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 3.0.0
Revision date: 15 Jul 2025



Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 11-37 amino acids from the Central region of human PCBD1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P61457 (UniProt , ExPASy)
KEGG:	hsa:5092
String:	9606.ENSP00000299299
Molecular Weight:	Calculated MW: 12 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat and Cow PCBD1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.