

Rabbit anti-Human PCBD1 Polyclonal Antibody | anti-PCBD1 antibody

PCBD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230582	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

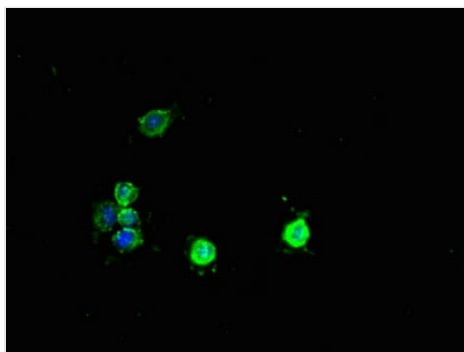
PRODUCT SYNONYMS

PCBD1; Polyclonal Antibody; PCBD1 Antibody; Pterin-4-alpha-carbinolamine dehydratase ; PHS; 4-alpha-hydroxy-tetrahydropterin dehydratase; Dimerization cofactor of hepatocyte nuclear factor 1-alpha; DCOH; Dimerization cofactor of HNF1; Phenylalanine hydroxylase-stimulating protein; Pterin carbinolamine dehydratase; PCD; DCOH; PCBD; anti-PCBD1 antibody

PRODUCT SPECIFICATIONS

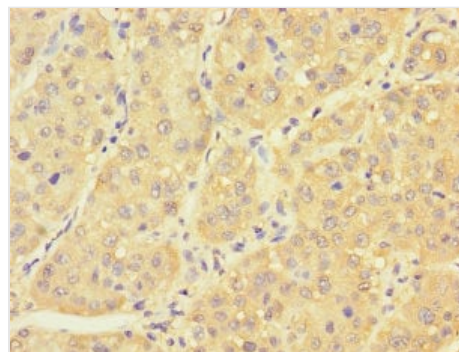
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	104
Applicable Applications for anti-PCBD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Pterin-4-alpha-carbinolamine dehydratase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-165196
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



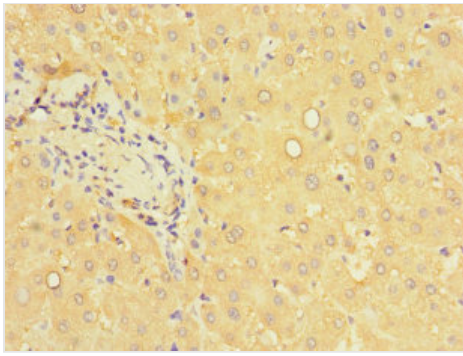
IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells using AAA230582 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA230582 at dilution of 1:100



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded human liver tissue using AAA230582 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PCBD1 antibody	Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2. Coactivator for HNF1A-dependent transcription. Regulates the dimerization of homeodomain protein HNF1A and enhances its transcriptional activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557831
NCBI GeneID	5092
NCBI Accession #	NP_000272.1
NCBI GenBank Nucleotide #	NM_000281.3
UniProt Accession #	P61457; P70519; P80095; Q9D930
Molecular Weight	12,000 Da
NCBI Official Full Name	pterin-4-alpha-carbinolamine dehydratase isoform 1
NCBI Official Synonym Full Names	pterin-4 alpha-carbinolamine dehydratase 1
NCBI Official Symbol	PCBD1
NCBI Official Synonym Symbols	PCD; PHS; DCOH; PCBD
NCBI Protein Information	pterin-4-alpha-carbinolamine dehydratase
UniProt Protein Name	Pterin-4-alpha-carbinolamine dehydratase
UniProt Gene Name	PCBD1
UniProt Synonym Gene Names	DCOH; PCBD; PHS; DCoH; Dimerization cofactor of HNF1; PCD
UniProt Entry Name	PHS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.