

Rabbit PCBD1 Polyclonal Antibody | anti-PCBD1 antibody

Rabbit anti-PCBD1 Antibody

CATALOG # AAA222108	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

PCBD1; Polyclonal Antibody; Rabbit anti-PCBD1 Antibody; DCOH; PCBD; 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; anti-PCBD1 antibody

PRODUCT SPECIFICATIONS

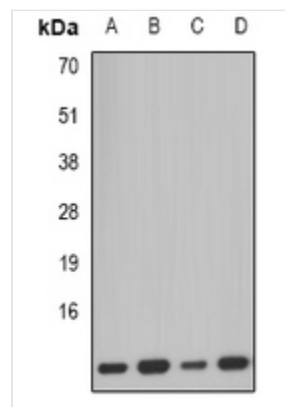
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PCBD1 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human PCBD1
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PCBD1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of PCBD1 expression in SW620 (A), mouse kidney (B), mouse pancreas (C), rat liver (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PCBD1 antibody	Primary antibodies
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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; P61458; P61459
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/dimerization cofactor of hepatocyte nuclear factor 1 alpha
NCBI Official Symbol	PCBD1
NCBI Official Synonym Symbols	PCD; PHS; DCOH; PCBD
NCBI Protein Information	pterin-4-alpha-carbinolamine dehydratase; 4-alpha-hydroxy-tetrahydropterin dehydratase; 6-pyruvoyl-tetrahydropterin synthase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1); dimerizing cofactor for HNF1; phenylalanine hydroxylase-stimula
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcbd1-antibody-immunochemistry-immunofluorescence-western-blot-elisa/222108>