

PCBD1 antibody

Catalog No: #38872

Package Size: #38872-1 50ul #38872-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

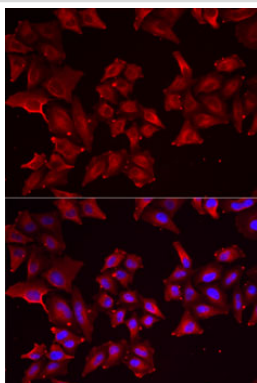
Description

Product Name	PCBD1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PCBD1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PCBD1.
Target Name	PCBD1
Other Names	PCD; PHS; DCOH; PCBD;
Accession No.	Swiss-Prot#: P61457NCBI Gene ID: 5092
Uniprot	P61457
GeneID	5092;
SDS-PAGE MW	12kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

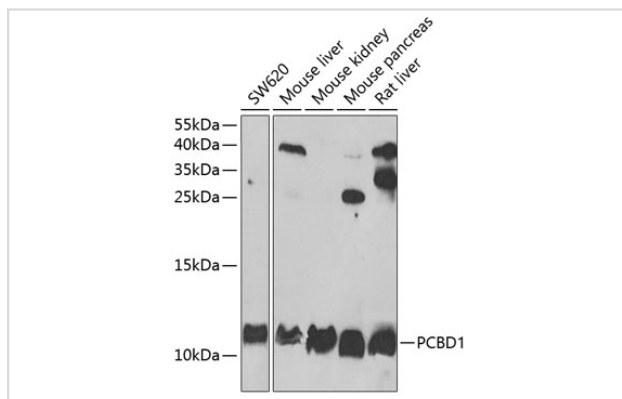
Application Details

WB□1:500 - 1:2000IF□1:10 - 1:100

Images



Immunofluorescence analysis of MCF7 cells using PCBD1 .
Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using PCBD1 at 1:1000 dilution.

Background

This gene encodes a member of the pterin-4- α -carbinolamine dehydratase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein functions as both a dehydratase involved in tetrahydrobiopterin biosynthesis, and as a cofactor for HNF1A-dependent transcription. A deficiency of this enzyme leads to hyperphenylalaninemia. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only