

KD-Validated Anti-PCBD1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

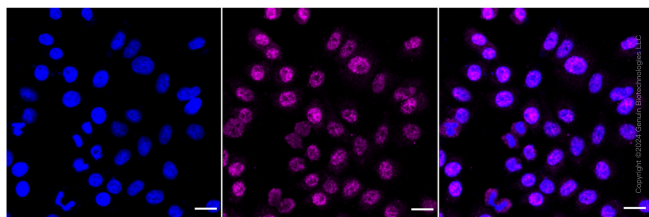
ABG1625

Product Overview

Name	KD-Validated Anti-PCBD1 Rabbit Monoclonal Antibody
Accession(Primary)	P61457
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PCBD1
Species Reactivity	Human
Calculated MW	Predicted, 12 kDa , observed , 12 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000

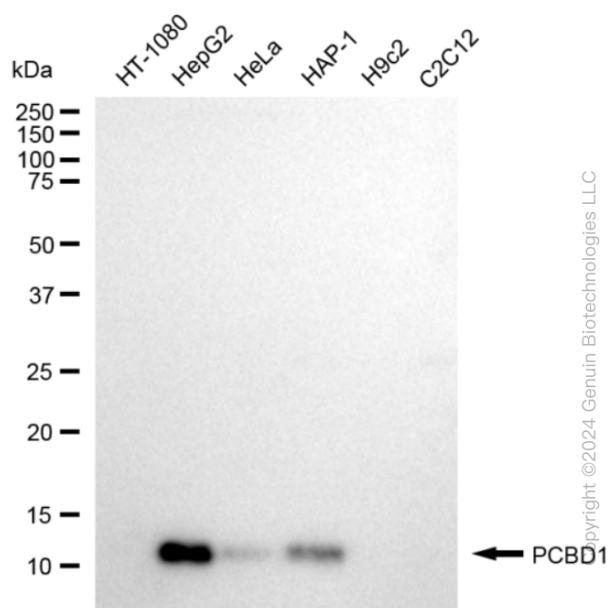
Target information (P61457)

Gene Name	PCBD1
About Gene Symbol	PCBD1 (Pterin-4 Alpha-Carbinolamine Dehydratase 1) is a biosynthetic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechani

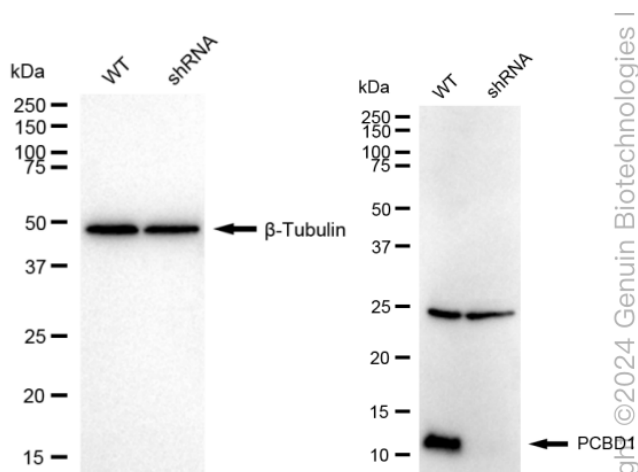


Immunocytochemical staining of HepG2 cells with anti-PCBD1 antibody (Cat#ABG1625, 1:1,000).

Nuclei were stained blue with DAPI; PCBD1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-PCBD1 antibody (Cat#ABG1625). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PCBD1 antibody (Cat#ABG1625, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PCBD1 antibody (Cat#ABG1625). PCBD1 expression in wild-type (WT) and PCBD1 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-PCBD1 antibody (Cat#ABG1625, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.