Product Name: PCBD1 (12E6) Rabbit Monoclonal Antibody
Catalog #: AMRe15817

Summary

Production Name	PCBD1 (12E6) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	PCBD1
Alternative Names	DCoH; PCBD; PCBD1; PCD; PHS;
Gene ID	5092.0
SwissProt ID	P61457.

Application

Dilution Ratio	WB 1:1000-1:5000, IHC-P/IF-P 1:50-1:100
Molecular Weight	12kDa

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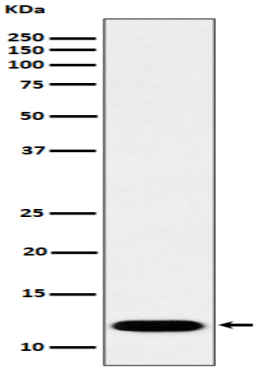
Background

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. Involved in tetrahydrobiopterin biosynthesis (By similarity). Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2. Coactivator for HNF1A-dependent transcription (By similarity). Regulates the dimerization of homeodomain protein HNF1A and enhances its transcriptional activity (By similarity). Also acts as a coactivator for HNF1B-dependent transcription (PubMed:24204001).

Research Area

Image Data



Western blot analysis of PCBD1 expression in Caco-2 cell lysate.

Note

For research use only.