

PCBD1 Rabbit mAb

Catalog # AP78816

Product Information

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|--------------------------|------------------------------------------------|
| Application | WB, IHC-P |
| Primary Accession | P61457 |
| Reactivity | Rat, Human, Mouse |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Isotype | IgG |
| Conjugate | Unconjugated |
| Immunogen | A synthesized peptide derived from human PCBD1 |
| Purification | Affinity Chromatography |
| Calculated MW | 12000 |

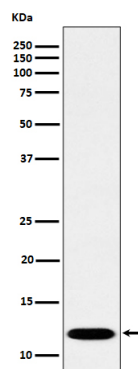
Additional Information

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|--------------------|----------------------------------------------------------------------------------------------------|
| Gene ID | 5092 |
| Other Names | PCBD1 |
| Dilution | WB~~1/500-1/1000 IHC-P~~N/A |
| Format | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

Protein Information

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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name | PCBD1 |
| Synonyms | DCOH, PCBD |
| Function | 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). |
| Cellular Location | Cytoplasm. Nucleus. Note=Recruited to the nucleus through the interaction with HNF1B. |

Images



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