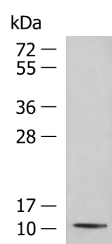


PCBD1 Polyclonal Antibody

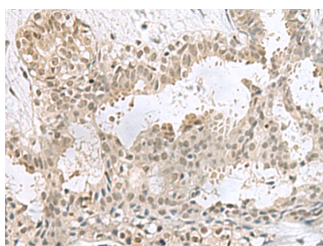
Catalog No.	E-AB-19099	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

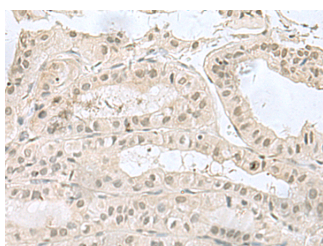
Images



Western blot analysis of Mouse kidney tissue lysate using PCBD1 Polyclonal Antibody at dilution of 1:800



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using PCBD1 Polyclonal Antibody at dilution of 1:60(x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PCBD1 Polyclonal Antibody at dilution of 1:60(x200)

Immunogen Information

Immunogen	Fusion protein of human PCBD1
Gene Accession	BC006324
Swissprot	P61457
Synonyms	PCBD 1,PCBD,PCBD1,PCD,Phenylalanine hydroxylase stimulating protein,PHS,PHS

Product Information

Calculated MW	12 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Background

This gene encodes a member of the pterin-4-alpha-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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.