PCBD1 Polyclonal Antibody

catalog number: **E-AB-53015**

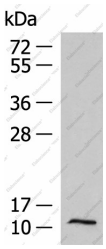
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human PCBD1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:80-1:400

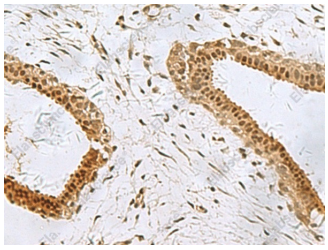
Data



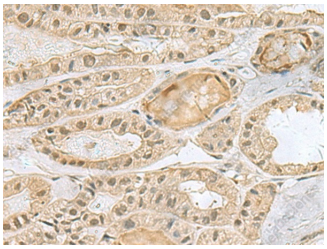
Western blot analysis of Human fetal liver tissue lysate using PCBD1 Polyclonal Antibody at dilution of 1:1000

Observed-MW:Refer to figures

Calculated-MW:12 kDa



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using PCBD1 Polyclonal Antibody at dilution of 1:90(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PCBD1 Polyclonal Antibody at dilution of 1:90(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
Email: techsupport@elabscience.com

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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