

DNAxPAb

Hard-to-Find
Antibody

PCBD1 DNAxPab

Catalog # H00005092-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PCBD1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAGKAHRLSAEERDQLLPNLRAVGWNELEGRDAIFKQFHFKDFNRAFGMTRVALQAEKLDHH PEWFNVYNKVHITLSTHECAGLSERDINLASFIEQVAVSMT
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PCBD1

Entrez GeneID	5092
GeneBank Accession#	BC006324
Protein Accession#	AAH06324
Gene Name	PCBD1
Gene Alias	DCOH, PCBD, PCD, PHS
Gene Description	pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha
Omim ID	126090 264070
Gene Ontology	Hyperlink
Gene Summary	This gene encodes pterin-4 alpha-carbinolamine dehydratase, an enzyme involved in phenylalanine hydroxylation. A deficiency of this enzyme leads to hyperphenylalaninemia. The enzyme regulates the homodimerization of the transcription factor hepatocyte nuclear factor 1 (HNF1). [provided by RefSeq]
Other Designations	6-pyruvoyl-tetrahydropterin synthase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) OTTHUMP00000019765 Pterin-4a-carbinolamine dehydratase (dimerization cofactor of hepatic nuclear factor 1-alpha) dimerizing cofactor for HNF1 phenylalanine

Disease

- [Alzheimer Disease](#)
- [Autistic Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Dystonic Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)