

PCBD2 Polyclonal Antibody

Catalog number: 11958-1-AP

Size: 50 µg/150 µl

Source: Rabbit

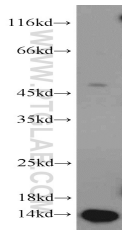
Isotype: IgG

Synonyms:

PCBD2; DcoH like protein

DCoHm, DCOH2, DCOHM,

PCBD2, PHS 2, PHS2



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 11958-1-AP(PCBD2 antibody) at dilution of 1:500

Background

PCBD2(Pterin-4-alpha-carbinolamine dehydratase 2) is also named DCOH2, DCOHM and belongs to the pterin-4-alpha-carbinolamine dehydratase family. It is involved in tetrahydrobiopterin biosynthesis and it seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2. PCBD2 also regulates the dimerization of homeodomain protein HNF-1-alpha and enhances its transcriptional activity.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse; other species not tested.
Calculated PCBD2 MW:	130aa,14 kDa
Observed PCBD2 MW:	14 kDa
Positive WB detected in	Human skeletal muscle tissue
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2562
GenBank accession number:	BC054021
Gene ID (NCBI):	84105
Full name:	Pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.