

PCBD2 Polyclonal antibody

Catalog Number: 11958-1-AP

Basic Information

Catalog Number:

11958-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2562

GenBank Accession Number:

BC054021

GeneID (NCBI):

84105

UNIPROT ID:

Q9H0N5

Full Name:

pterin-4 alpha-carbinolamine
dehydratase/dimerization cofactor of
hepatocyte nuclear factor 1 alpha
(TCF1) 2

Calculated MW:

130 aa, 14 kDa

Observed MW:

14 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human skeletal muscle tissue,

Background Information

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.

Storage

Storage:

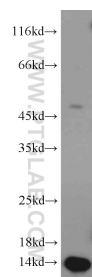
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 11958-1-AP (PCBD2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.