

For Research Use Only

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

For technical support and original validation data for this product please contact:

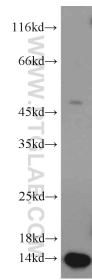
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.