

PCBD2 Polyclonal antibody

Catalog Number: 11958-1-AP

Basic Information

Catalog Number: 11958-1-AP	GenBank Accession Number: BC054021	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84105	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: pterin-4 alpha-carbinolamine dehydratase/ dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2	
Isotype: IgG	Calculated MW: 130 aa, 14 kDa	
Immunogen Catalog Number: AG2562	Observed MW: 14 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human skeletal muscle tissue,
Species Specificity: human	

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

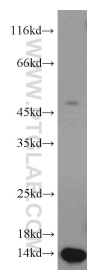
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.