

For Research Use Only

PPCDC Polyclonal antibody

Catalog Number: 16270-1-AP



Basic Information

Catalog Number: 16270-1-AP	GenBank Accession Number: BC014409	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 473 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 60490	
Source: Rabbit	Full Name: phosphopantothenoylcysteine decarboxylase	
Isotype: IgG	Calculated MW: 204 aa, 22 kDa	
Immunogen Catalog Number: AG9337		

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCDC, one of the last enzymes in this pathway, converts phosphopantothenoylcysteine to 4-prime-phosphopantetheine. The antibody was generated against full length human recombinant PPCDC, which is a bright yellow protein, indicating the presence of flavins. The antibody solution gives yellow color, too. It may be caused by elution of flavins during affinity purification with PPCDC-protein column.

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:
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Selected Validation Data