CHCHD4 Polyclonal ANTIBODY
Catalog Number: 21090-1-AP

Basic Information
Catalog Number: 21090-1-AP
Size: 40 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG15339

Recommended Dilutions:
WB: 1:1000-1:4000
IP: 0.5-4.0 μg for IP and 1:1000-1:2000 for WB
IHC: 1:50-1:500

Applications
Tested Applications: IHC, IP, WB, ELISA
Cited Applications: WB
Species Specificity: human, mouse
Cited Species: human, mouse

Background Information
CHCHD4, a component of human mitochondria, belongs to a protein family. It functions as chaperone and catalyzes the formation of disulfide bonds in substrate proteins, such as COX17. It is required for the import and folding of small cysteine-containing proteins (small Tim) in the mitochondrial intermembrane space (IMS).

Notable Publications
Author: Siddhesh Aras
PubMed ID: 25315652
Journal: Mitochondrion
Application: WB

Author: Tibor Balogh
PubMed ID: 26584568
Journal: Pathol Oncol Res
Application: WB

Author: Carina Lehmer
PubMed ID: 29789341
Journal: EMBO Mol Med
Application: WB

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or (312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Daudi cells were subjected to SDS-PAGE followed by western blot with 21090-1-AP (CHCHD4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.

Immunohistochemistry of paraffin-embedded mouse testis tissue slide using 21090-1-AP (CHCHD4 antibody) at dilution of 1:200 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH 9).

Immunohistochemistry of paraffin-embedded mouse testis tissue slide using 21090-1-AP (CHCHD4 antibody) at dilution of 1:200 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH 9).

IP result of anti-CHCHD4(IP: 21090-1-AP, 4 ug; Detection: 21090-1-AP 1:1000) with mouse brain tissue lysate 3200 ug.