CHCHD2 Polyclonal ANTIBODY
Catalog Number: 19424-1-AP

Basic Information
Catalog Number: 19424-1-AP
Size: 43 µg/150 µl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG13752
GeneBank Accession Number: BC003079
GenetD (NCBI): 51142
Full Name: coiled-coil-helix-coiled-helix domain containing 2
Calculated MW: 151aa, 16 kDa
Observed MW: 16-18 kDa
Recommended Dilutions:
WB: 1:500-1:2000
IP: 0.5-4.0 µg for IP and 1:2000-1:2000 for WB
IHC: 1:50-1:500

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

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information
CHCHD2 is a widely expressed 16.7-kDa mitochondrion-localized protein. CHCHD2 contains a C-terminal CHCH (coiled-coil helix-coiled-helix) domain. The function of the CHCH domain is not well understood, and the few characterized proteins that harbor this domain have diverse functions. Mutations in CHCHD2 gene have been reported in autosomal dominant Parkinson's disease (ADPD).

Notable Publications
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<th>Author</th>
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<tr>
<td>Maxime Feyeux</td>
<td>22678061</td>
<td>Hum Mol Genet</td>
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<tr>
<td>Siddhesh Aras</td>
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<td>Siddhesh Aras</td>
<td>27912309</td>
<td>Biochim Biophys Acta</td>
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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
Various lysates were subjected to SDS PAGE followed by western blot with 19424-1-AP (CHCHD2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

WB result of CHCHD2 antibody (19424-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CHCHD2 transfected HEK-293 cells.

Immunofluorescent analysis of (20% Ethanol) fixed HepG2 cells using 19424-1-AP(CHCHD2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

