For Research Use Only

**CHCHD3 Polyclonal ANTIBODY**

Catalog Number: 25625-1-AP

**Basic Information**

**Catalog Number:** 25625-1-AP  
**Size:** 51 μg/150 μl  
**Source:** Rabbit  
**Isotype:** IgG  
**Purification Method:** Affinity purification  
**Immunogen Catalog Number:** AG22579  
**GenBank Accession Number:** BC014839  
**GeneID (NCBI):** 54927  
**Full Name:** Coiled-coil-helix-coiled-helix domain containing 3  
**Calculated MW:** 227aa, 26 kDa  
**Observed MW:** 26 kDa

**Recommended Dilutions:**  
**WB**: 1:4000-1:12000  
**IP**: 0.5-4.0 μg for IP and 1:500-1:2000 for WB  
**IHC**: 1:200  
**IF**: 1:50-1:200

**Applications**

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

**Positive Controls:**  
**WB**: HEK-293 cells; human placenta tissue, A431 cells, mouse liver tissue, NIH/3T3 cells, Jurkat cells, HeLa cells  
**IP**: HeLa cells;  
**IHC**: human liver tissue; human heart tissue  
**IF**: HepG2 cells

**Background Information**

**Notable Publications**

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**Storage**

**Storage:** Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:** PBS with 0.1% 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 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Various lysates were subjected to SDS-PAGE followed by western blot with 25625-1-AP (CHCHD3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.


Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25625-1-AP (CHCHD3 Antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25625-1-AP (CHCHD3 Antibody) at dilution of 1:50 (under 40x lens).

Immunofluorescent analysis of HepG2 cells using 25625-1-AP (CHCHD3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)