

# CHCHD3 Rabbit Polyclonal Antibody



CAB8584

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

30kDa

### Calculated MW:

26kDa

### Applications:

WB IHC IF IP

### Reactivity:

Human, Mouse, Rat

## Protein Background

The protein encoded by this gene is an inner mitochondrial membrane scaffold protein. Absence of the encoded protein affects the structural integrity of mitochondrial cristae and leads to reductions in ATP production, cell growth, and oxygen consumption. This protein is part of the mitochondrial contact site and cristae organizing system (MICOS). Several transcript variants encoding different isoforms have been found for this gene.

## Immunogen information

### Gene ID:

54927

### Uniprot

Q9NX63

### Synonyms:

CHCHD3; MINOS3; Mic19; PPP1R22

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50

- 1:100 IF 1:50 - 1:200 IP

1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

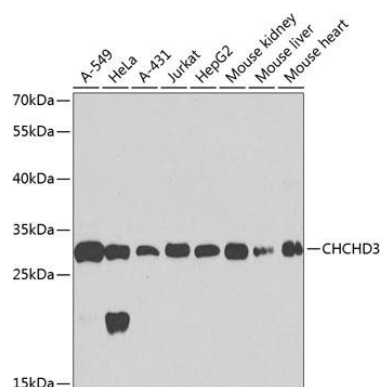
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-227 of human CHCHD3 (NP\_060282.1).

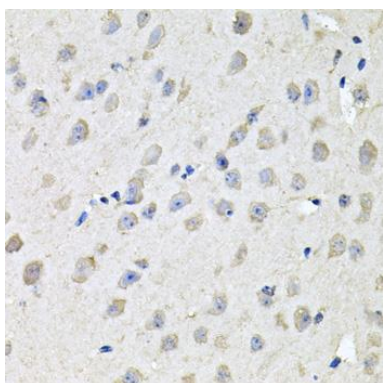
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

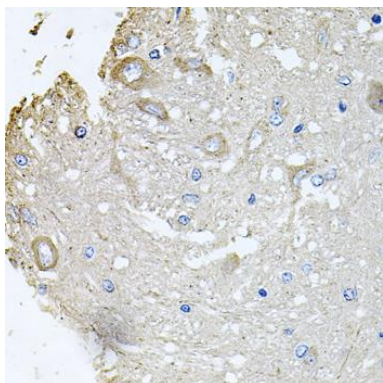
## Product Images



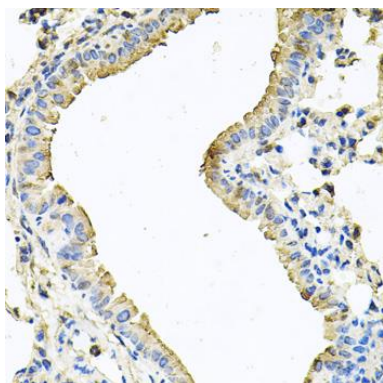
Western blot analysis of extracts of various cell lines, using CHCHD3 antibody (CAB8584) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 40s.



Immunohistochemistry of paraffin-embedded mouse brain using CHCHD3 antibody (CAB8584) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using CHCHD3 antibody (CAB8584) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using CHCHD3 antibody (CAB8584) at dilution of 1:100 (40x lens).