

**CHCHD3 polyclonal antibody**

Catalog: BS71298

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

30kDa

**Swiss-Prot:**

Q9NX63

**Purification&Purity:**

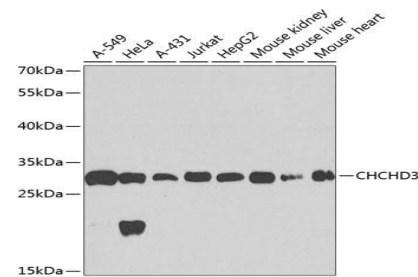
The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

WB, 1:500 - 1:2000|IF/ICC, 1:50 - 1:200|IP, 1:50 - 1:200

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:****Polyclonal Antibodies****DATA:**

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

Confocal immunofluorescence analysis of U2OS cells using CHCHD3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunoprecipitation analysis of 600ug extracts of Mouse liver cells using 3ug CHCHD3 antibody. Western blot was performed from the immunoprecipitate using CHCHD3 antibody at a dilution of 1:1000.

**Note:**

For research use only, not for use in diagnostic procedure.

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