

**CISD1 polyclonal antibody**

Catalog: BS71677

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

This gene encodes a protein with a CDGSH iron-sulfur domain and has been shown to bind a redox-active [2Fe-2S] cluster. The encoded protein has been localized to the outer membrane of mitochondria and is thought to play a role in regulation of oxidation. Genes encoding similar proteins are located on chromosomes 4 and 17, and a pseudogene of this gene is located on chromosome 2.

**Product:**

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

**Molecular Weight:**

16KDa

**Swiss-Prot:**

Q9NZ45

**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:**

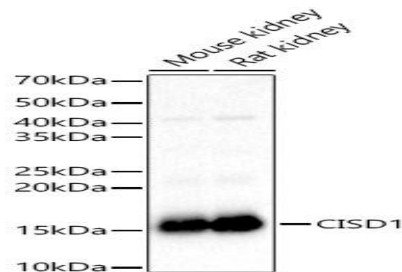
WB, 1:1000 - 1:2000 | IF/ICC, 1:50 - 1:200

**Storage&Stability:**

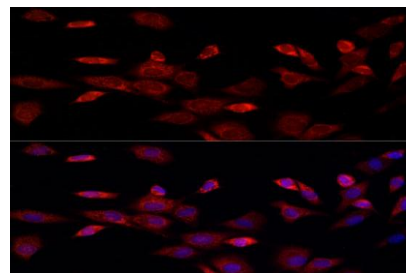
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:**

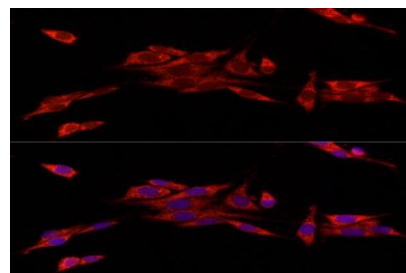
Polyclonal Antibodies

**DATA:**

Western blot analysis of various lysates, using CISD1 antibody at 1:1420 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: 1s.



Immunofluorescence analysis of NIH/3T3 cells using CISD1 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using CISD1 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.

**Note:**

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

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