

Product name

CISD1 antibody

Specificity

Human, Mouse, Zebrafish, Rat; other species not tested.

Antibody description

CISD1 Rabbit Polyclonal antibody. Positive FC detected in HeLa cells. Positive IF detected in Hela cells. Positive IHC detected in human heart tissue, human brain tissue, human kidney tissue, human liver tissue, human ovary tissue, human placenta tissue, human spleen tissue, human testis tissue. Positive IP detected in HepG2 cells.

Positive WB detected in mouse skeletal muscle tissue, HepG2 cells, human heart tissue, human liver tissue, human skeletal muscle tissue, mouse brain tissue, mouse heart tissue, mouse kidney tissue. Observed molecular weight by Western-blot: 17 kDa

Preparation

This antibody was obtained by immunization of CISD1 recombinant protein (Accession Number: NM_018464). Purification method: Antigen affinity purified.

Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC, IF, IP, FC

Dilutions

Recommended Dilution:

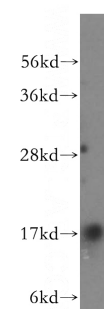
WB: 1:1000-1:10000

IP: 1:1000-1:10000

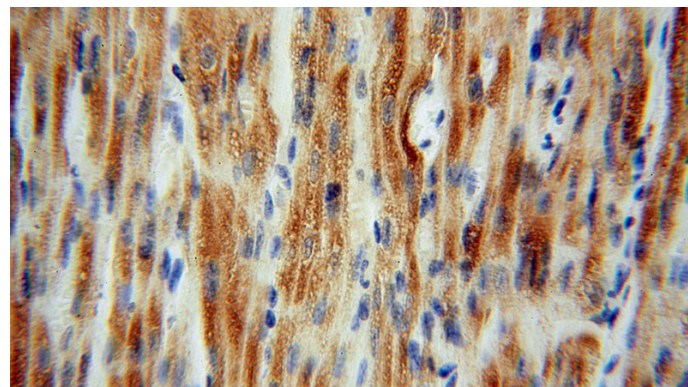
IHC: 1:20-1:200

IF: 1:10-1:100

Validations



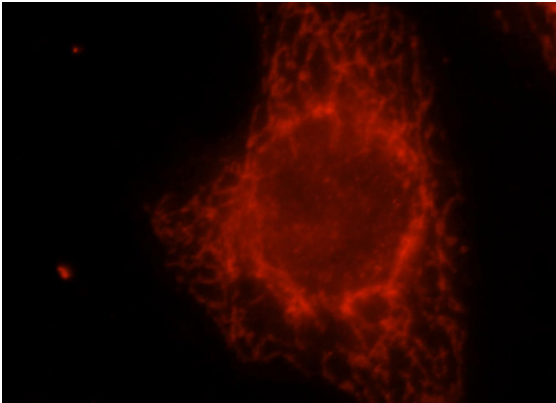
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with Catalog No:109321(mitoNEET,CISD1 antibody) at dilution of 1:4000



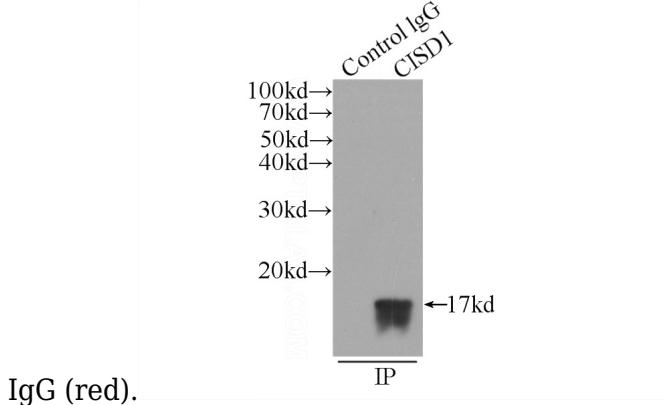
Immunohistochemical of paraffin-embedded human heart using Catalog No:109321(mitoNEET,CISD1 antibody) at dilution of 1:100 (under 40x lens)

CISD1 antibody

Catalog Number: 109321

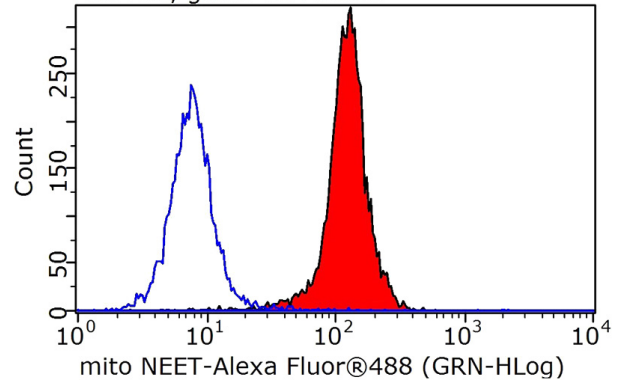


Immunofluorescent analysis of HeLa cells, using CISD1 antibody Catalog No:109321 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit



IP Result of anti-mitoNEET,CISD1 (IP:Catalog No:109321, 3ug; Detection:Catalog No:109321 1:2000) with HepG2 cells lysate 600ug.

Plot P03, gated on P01.R1



1X10⁶ HeLa cells were stained with .05ug mitoNEET,CISD1 antibody (Catalog No:109321, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-Goat anti-Rabbit IgG with dilution 1:100.