

Product Name: KD-Validated CISD2 Mouse Monoclonal Antibody**Catalog #: KVA01090**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 15.3kDa

Antigen Information

Gene Name	CISD2
Alternative Names	CISD2; CDGSH Iron Sulfur Domain 2; Miner1; NAF-1; ERIS; Endoplasmic Reticulum Intermembrane Small Protein; Nutrient-Deprivation Autophagy Factor-1; ZCD2; CDGSH Iron-Sulfur Domain-Containing Protein 2; Zinc Finger, CDGSH-Type Domain 2; MitoNEET-Related 1 Protein; WFS2; MitoNEET Related 1; Wolfram Syndrome 2; CDGSH2
Gene ID	493856.0
SwissProt ID	Q8N5K1
Immunogen	Recombinant protein of human CISD2

Background

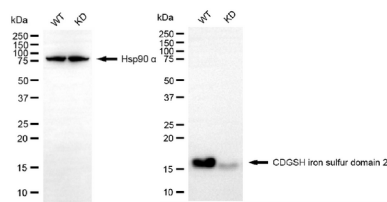
The protein encoded by this gene is a zinc finger protein that localizes to the endoplasmic reticulum. The encoded protein

binds an iron/sulfur cluster and may be involved in calcium homeostasis. Defects in this gene are a cause of Wolfram syndrome 2. [provided by RefSeq, Mar 2011]

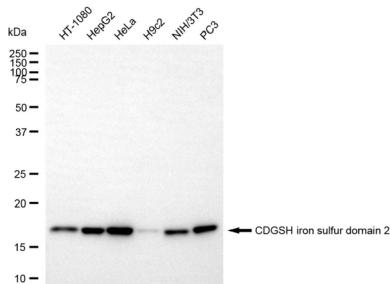
Research Area

Cancer

Image Data



Western blotting analysis using CDGSH iron sulfur domain 2 antibody (KVA01090). CDGSH iron sulfur domain 2 expression in wild-type (WT) and CDGSH iron sulfur domain 2 (CISD2) knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CDGSH iron sulfur domain 2 antibody (KVA01090, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using CDGSH iron sulfur domain 2 antibody (KVA01090). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CDGSH iron sulfur domain 2 antibody (KVA01090, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.