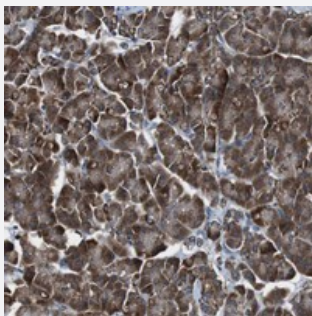


CISD2 polyclonal antibody

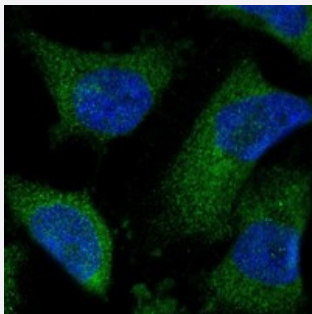
Catalog # PAB20855 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human pancreas with CISD2 polyclonal antibody (Cat # PAB20855) shows strong cytoplasmic positivity in exocrine glandular cells at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG with CISD2 polyclonal antibody (Cat # PAB20855) at 1-4 ug/mL dilution shows positivity in endoplasmic reticulum.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant CISD2.
Immunogen	Recombinant protein corresponding to amino acids of human CISD2.
Sequence	PKKKQQKDSLINLKIQKENPKVVNEINIEDLCLTKAAYCRCWRSKTFPACDGSHNKHNETGDNV GPLILKKKEV
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG with CISD2 polyclonal antibody (Cat # PAB20855) at 1-4 ug/mL dilution shows positivity in endoplasmic reticulum.

Gene Info — CISD2

Entrez GeneID	493856
Protein Accession#	Q8N5K1
Gene Name	CISD2
Gene Alias	ERIS, Miner1, WFS2, ZCD2
Gene Description	CDGSH iron sulfur domain 2
Omim ID	604928 611507
Gene Ontology	Hyperlink
Gene Summary	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 (WFS2). [provided by RefSeq]

Other Designations

endoplasmic reticulum intermembrane small protein|mitoNEET related 1|zinc finger, CDGSH-type domain 2

Publication Reference

- [CDGSH Iron Sulfur Domain 2 Deficiency Inhibits Cell Proliferation and Induces Cell Differentiation of Neuroblastoma.](#)

Li J, Duan H, Xuan F, Zhao E, Huang M.

Pathology Oncology Research 2020 Jul; 26(3):1725.

Application: WB, Human, BE(2)-C, SHEP1, SH-SY5Y, SK-N-AS, SK-N-DZ cells