

CYCS Polyclonal Antibody

Catalog No: tcba3468



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IHC,IF

Research Area:

Cancer,Apoptosis,Neuroscience,Cardiovascular,Cell Biology,Metabolism,Neurodegeneration,

Species Reactivity:

Human,Mouse,Rat

Host Species:

Rabbit

Isotype:

IgG

Form:

Liquid

Storage Buffer:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

CYC;HCS;THC4

SwissProt:

P99999

Gene ID:

54205 (human);

Calculated Molecular Weight:

11kDa

Purification:

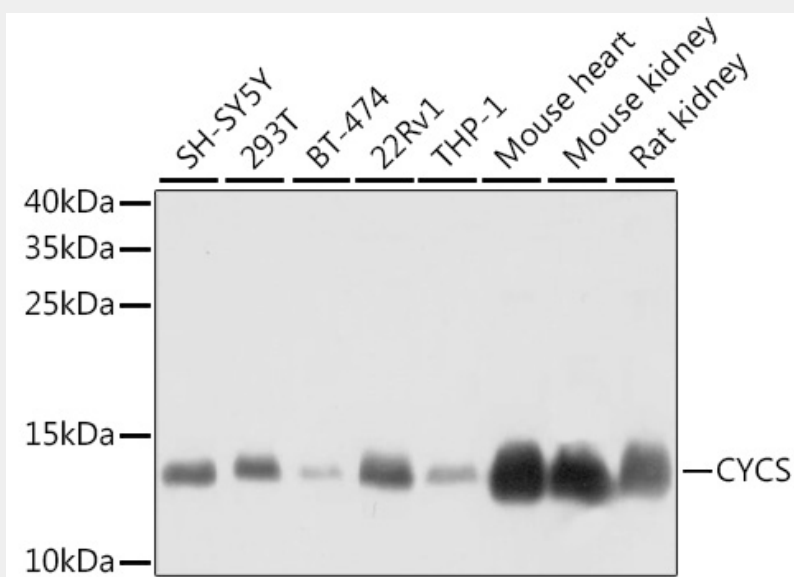
Affinity purification

Cellular Location:

Mitochondrion intermembrane space,

Product Description

This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.



Western blot analysis of extracts of various cell lines, using CYCS antibody at 1:1000 dilution.

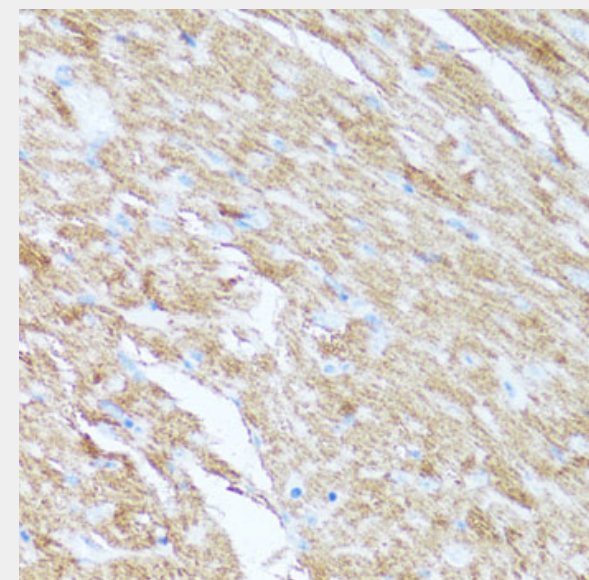
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

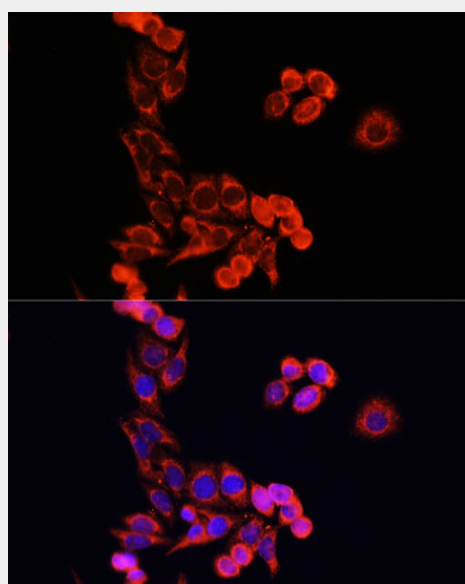
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

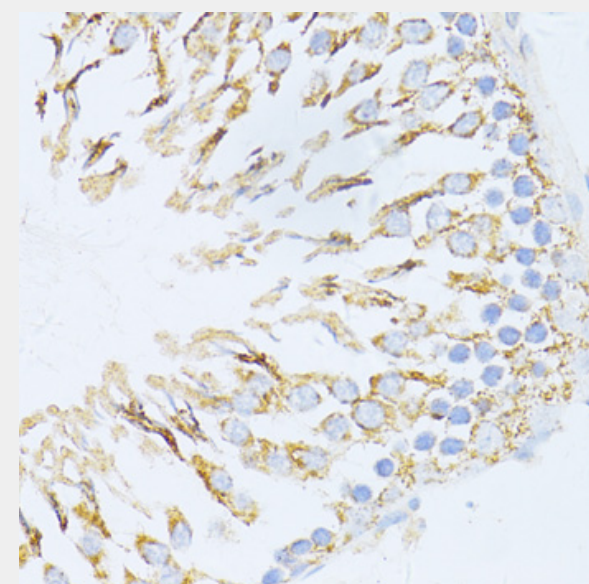
Exposure time: 10s.



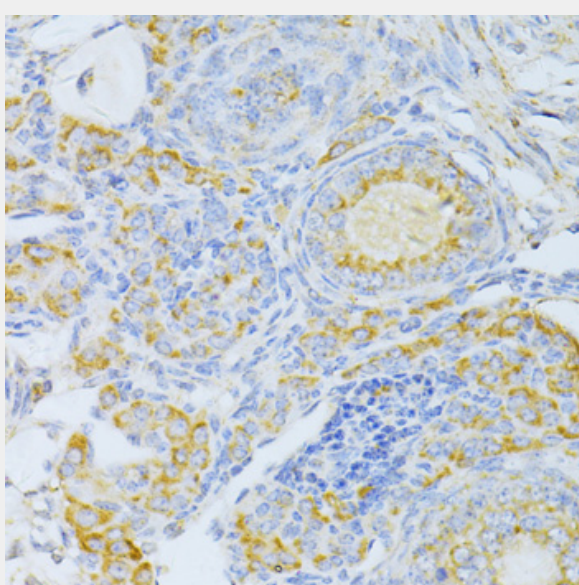
Immunohistochemistry of paraffin-embedded mouse heart using CYCS antibody at dilution of 1:150 (40x lens).



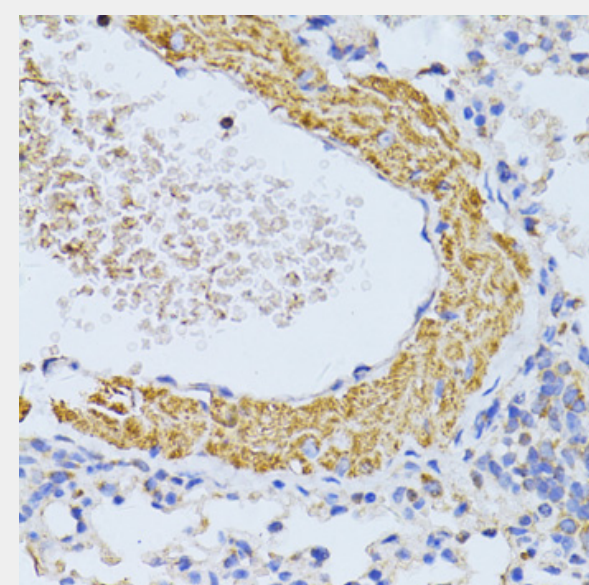
Immunofluorescence analysis of HeLa cells using CYCS antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.



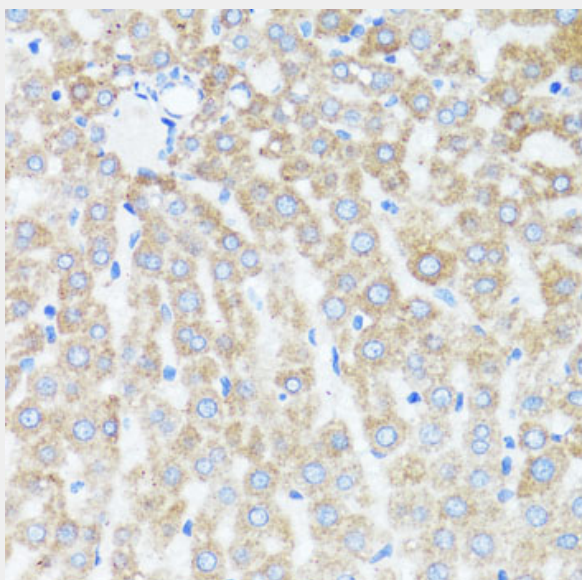
Immunohistochemistry of paraffin-embedded rat testis using CYCS antibody at dilution of 1:100 (40x lens).



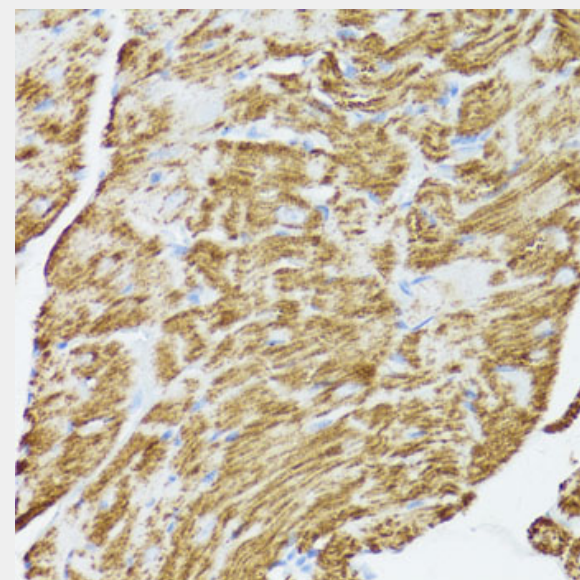
Immunohistochemistry of paraffin-embedded rat ovary using CYCS antibody at dilution of 1:100 (40x lens).



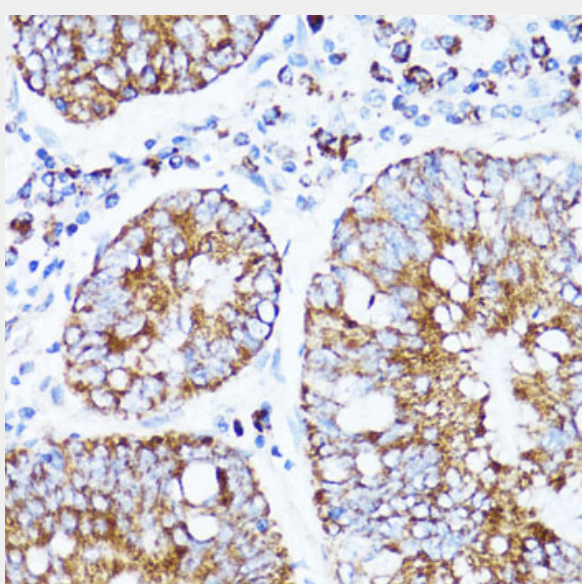
Immunohistochemistry of paraffin-embedded mouse lung using CYCS antibody at dilution of 1:100 (40x lens).



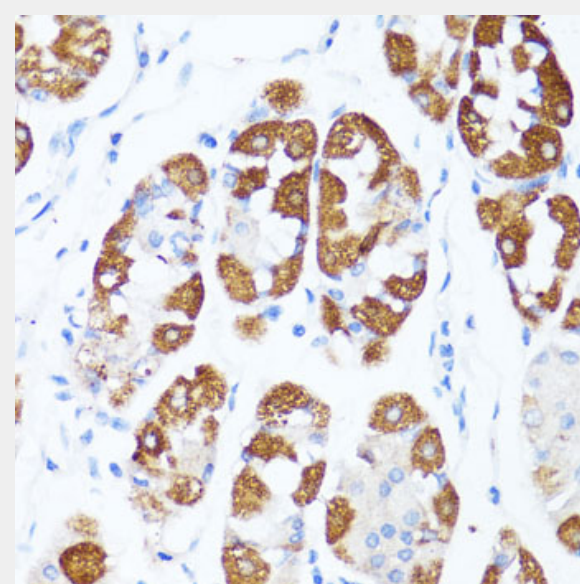
Immunohistochemistry of paraffin-embedded rat liver using CYCS antibody at dilution of 1:150 (40x lens).



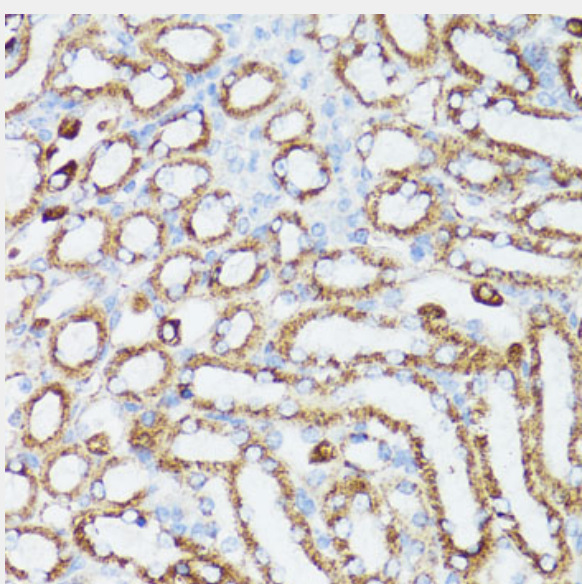
Immunohistochemistry of paraffin-embedded rat heart using CYCS antibody at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded human colon carcinoma using CYCS antibody at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using CYCS antibody at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using CYCS antibody at dilution of 1:150 (40x lens).

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