

Product Datasheet

Cytochrome c Antibody (SC69-08) NBP2-67604

Unit Size: 100 ul

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

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NBP2-67604

Cytochrome c Antibody (SC69-08)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC69-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

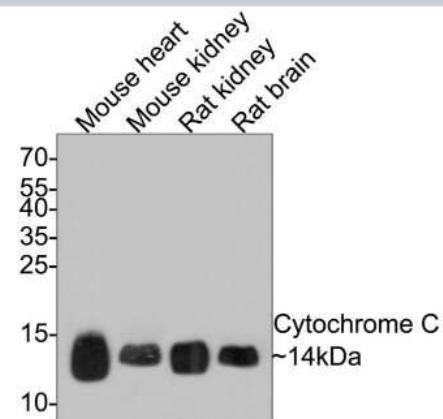
Host	Rabbit
Gene Symbol	CYCS
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human Cytochrome c aa 20-60. (SwissProt: P99999 Human; SwissProt: P62897 Mouse; SwissProt: P62898 Rat)

Product Application Details

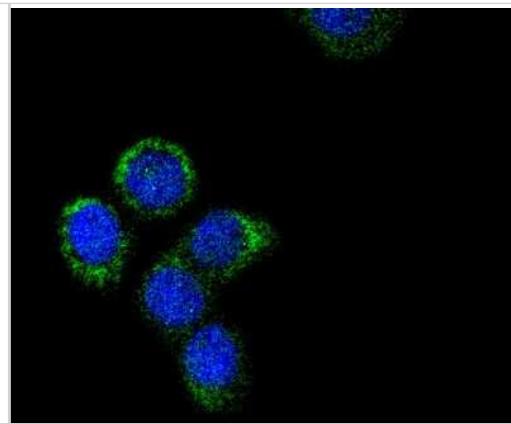
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:1000

Images

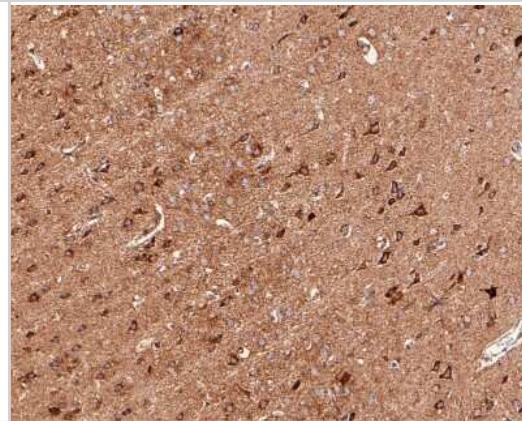
Western Blot: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of Cytochrome C on different lysates with Rabbit anti-Cytochrome C antibody at 1/1,000 dilution. Lane 1: Mouse heart tissue lysate Lane 2: Mouse kidney liver tissue lysate Lane 3: Rat kidney tissue lysate Lane 4: Rat brain tissue lysate Lysates/proteins at 20 ug/Lane. Predicted band size: 12 kDa Observed band size: 14 kDa Exposure time: 2 minutes; 15% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



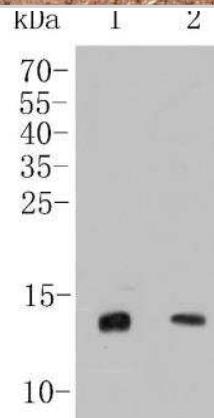
Immunocytochemistry/Immunofluorescence: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Staining Cytochrome C in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



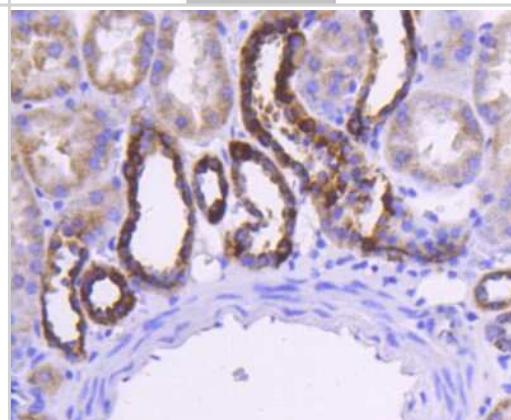
Immunohistochemistry-Paraffin: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of paraffin-embedded rat brain tissue with Rabbit anti-Cytochrome C antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



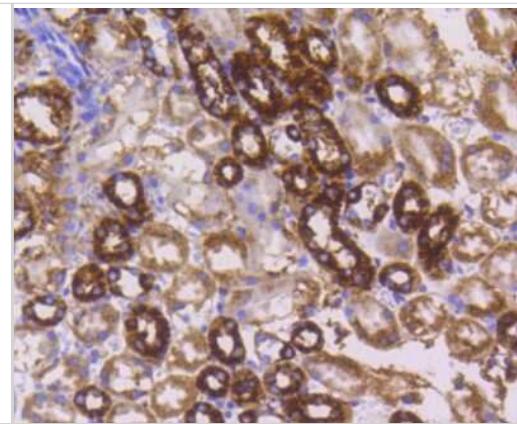
Western Blot: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of Cytochrome C on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Mouse heart tissue lysate Lane 2: Mouse kidney tissue lysate



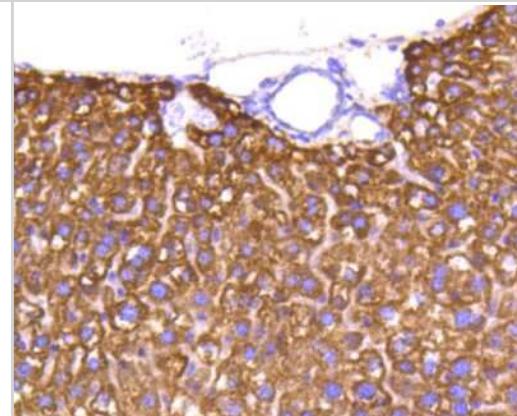
Immunohistochemistry-Paraffin: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of paraffin-embedded human kidney tissue using anti-Cytochrome C antibody. Counter stained with hematoxylin.



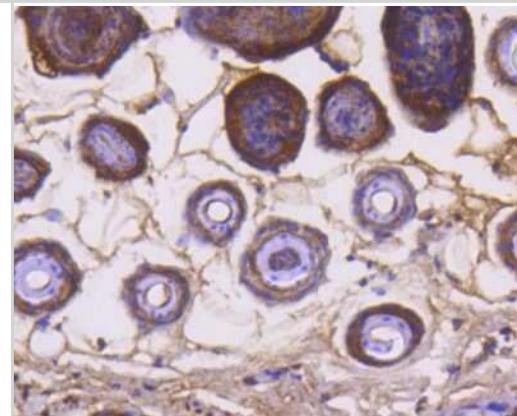
Immunohistochemistry-Paraffin: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of paraffin-embedded mouse kidney tissue using anti-Cytochrome C antibody. Counter stained with hematoxylin.



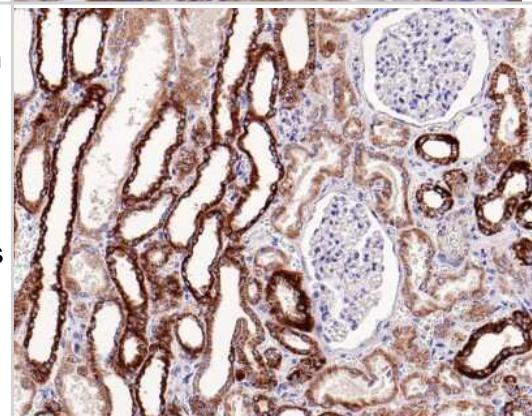
Immunohistochemistry-Paraffin: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of paraffin-embedded mouse liver tissue using anti-Cytochrome C antibody. Counter stained with hematoxylin.



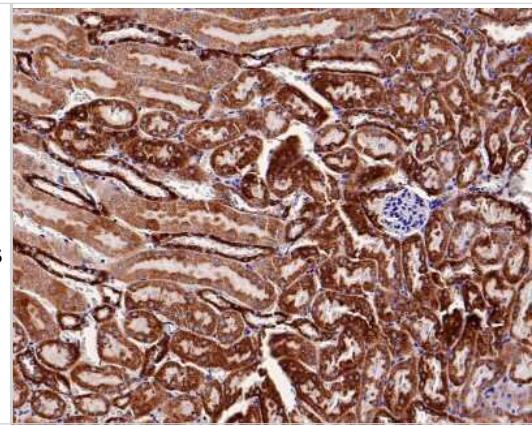
Immunohistochemistry-Paraffin: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of paraffin-embedded mouse skin tissue using anti-Cytochrome C antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of paraffin-embedded human kidney tissue with Rabbit anti-Cytochrome C antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Cytochrome c Antibody (SC69-08) [NBP2-67604] - Analysis of paraffin-embedded mouse kidney tissue with Rabbit anti-Cytochrome C antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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