

Rabbit NFS1 Polyclonal Antibody | anti-NFS1 antibody

Rabbit anti-NFS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222944	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

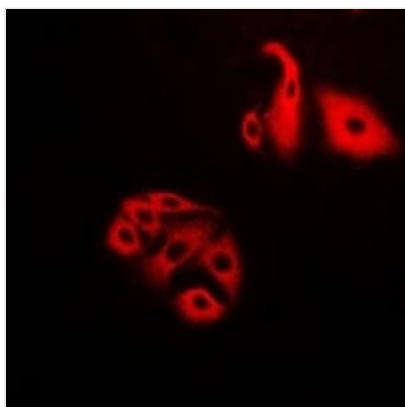
PRODUCT SYNONYMS

NFS1; Polyclonal Antibody; Rabbit anti-NFS1 Antibody; NIFS; Cysteine desulfurase; mitochondrial; anti-NFS1 antibody

PRODUCT SPECIFICATIONS

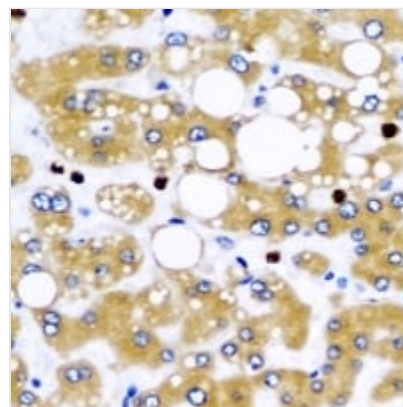
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NFS1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human NFS1
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



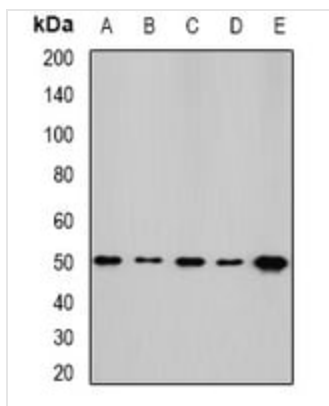
IF (Immunofluorescence)

Immunofluorescent analysis of NFS1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of NFS1 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of NFS1 expression in HepG2 (A), SKOV3 (B), mouse kidney (C), mouse heart (D), rat liver (E) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NFS1 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119596578
NCBI GeneID	9054
UniProt Accession #	Q9Y697; Q9Z1J3; Q99P39
Molecular Weight	50,196 Da
NCBI Official Full Name	NFS1 nitrogen fixation 1 (S. cerevisiae), isoform CRA_a
NCBI Official Synonym Full Names	NFS1 cysteine desulfurase
NCBI Official Symbol	NFS1
NCBI Official Synonym Symbols	IscS; NIFS; HUSSY-08
NCBI Protein Information	cysteine desulfurase, mitochondrial; NFS1 nitrogen fixation 1 homolog; nitrogen-fixing bacteria S-like protein; nitrogen fixation 1 (S. cerevisiae, homolog)
UniProt Protein Name	Cysteine desulfurase, mitochondrial
UniProt Gene Name	NFS1
UniProt Synonym Gene Names	NIFS
UniProt Entry Name	NFS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfs1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222944>