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Datasheet for ABIN7306746

anti-NFS1 antibody

3 Images

Overview

Quantity:	100 µL
Target:	NFS1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human NFS1
Specificity:	Recognizes endogenous levels of NFS1 protein.
Characteristics:	Rabbit polyclonal antibody to NFS1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	NFS1
Alternative Name:	NFS1 (NFS1 Products)
Background:	NIFS, Cysteine desulfurase, mitochondrial
Gene ID:	9054, 18041

Target Details

UniProt:	Q9Y697 , Q9Z1J3 , Q99P39
Pathways:	Transition Metal Ion Homeostasis

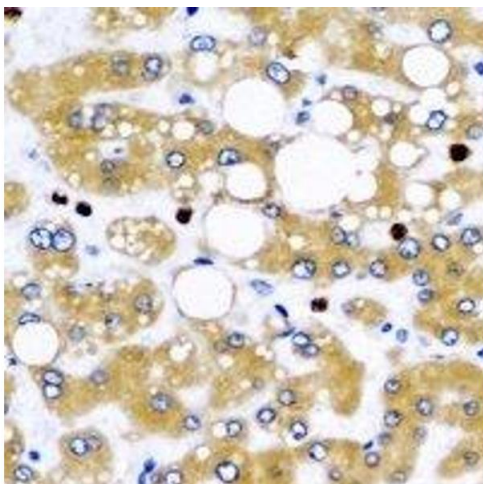
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

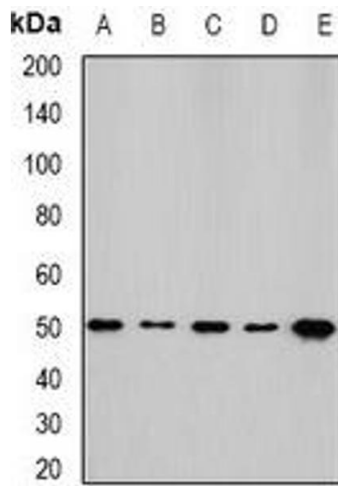
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



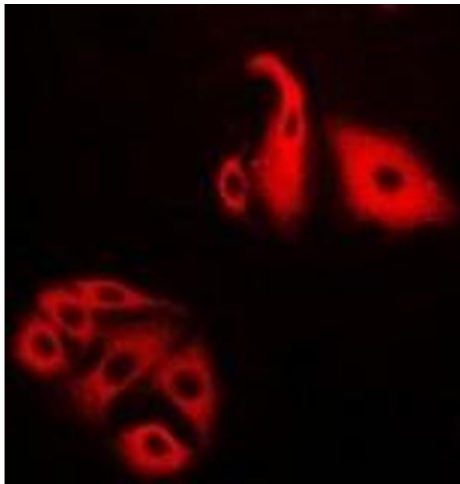
Immunohistochemistry

Image 1. 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



Western Blotting

Image 2. Western blot analysis of NFS1 expression in HepG2 (A), SKOV3 (B), mouse kidney (C), mouse heart (D), rat liver (E) whole cell lysates.



Immunofluorescence

Image 3. 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 i