

Datasheet for ABIN7253839

anti-NFS1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	NFS1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Fusion protein of human NFS1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	NFS1
Alternative Name:	NFS1 (NFS1 Products)
Background:	Iron-sulfur clusters are required for the function of many cellular enzymes. The proteins encoded by this gene supply inorganic sulfur to these clusters by removing the sulfur from cysteine, creating alanine in the process. This gene uses alternate in-frame translation initiation sites to generate mitochondrial forms and cytoplasmic/nuclear forms. Selection of the

Target Details

alternative initiation sites is determined by the cytosolic pH . The encoded proteins belong to the class-V family of pyridoxal phosphate-dependent aminotransferases. Alternatively spliced transcript variants have been described.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 50 kDa

UniProt: [Q9Y697](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: WB 1:1000-1:5000, IHC 1:100-1:200, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.74 mg/mL

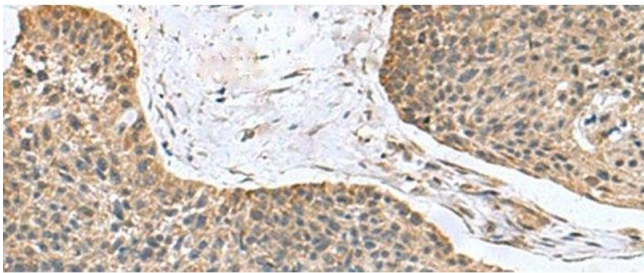
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

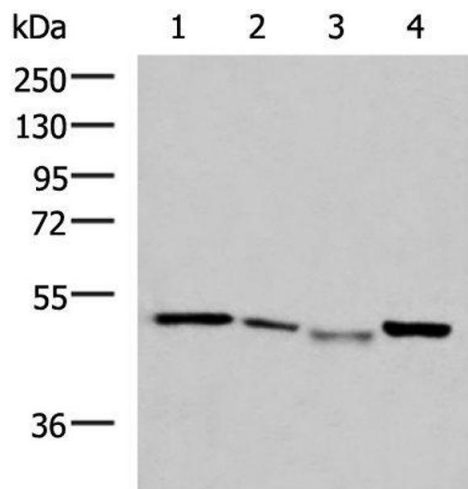
Storage: -20 °C

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using NFS1 Polyclonal Antibody at dilution of 1:100(x200)



Western Blotting

Image 2. Western blot analysis of HepG2 cell Hela cell Mouse kidney tissue K562 cell lysates using NFS1 Polyclonal Antibody at dilution of 1:800