

Datasheet for ABIN5534094
anti-NFS1 antibody (AA 121-149)



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1 Image

Overview

Quantity:	400 µL
Target:	NFS1
Binding Specificity:	AA 121-149
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NFS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 121-149 amino acids from the Central region of human NFS1.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide 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

Target Details

sites to generate mitochondrial forms and cytoplasmic/nuclear forms. Selection of the 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: 50 kDa

Gene ID: 9054

UniProt: [Q9Y697](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

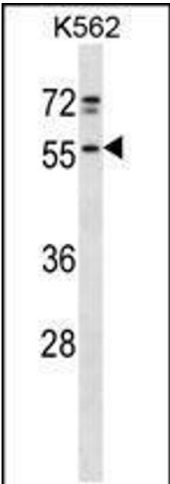
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C,-20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in K562 cell line lysates (35ug/lane).