Rabbit anti-Human NFS1 Polyclonal Antibody | anti-NFS1 antibody

NFS1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175588	**Rabbit**	**Human**	**ELISA, Immunohistochemistry**

PRODUCT SYNONYMS

NFS1; Polyclonal Antibody; NFS1 Polyclonal Antibody; Cysteine desulfurase; mitochondrial; HUSSY 08; IscS; Mitochondrial; NFS1 nitrogen fixation 1; NFS1 nitrogen fixation 1 homolog (S. cerevisiae); NIFS; Nitrogen fixation 1 (S. cerevisiae; homolog); Nitrogen fixation gene 1; Nitrogen-fixing bacteria S; homolog of; Nitrogen-fixing bacteria S-like protein; OTTHUMP00000030799; anti-NFS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.78mg/mL (varies by lot)
Sequence Length	457
Applicable Applications for anti-NFS1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human NFS1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using NFS1 Polyclonal Antibody at dilution of 1:50(×200

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NFS1 Polyclonal Antibody at dilution of 1:50(×200

ADDITIONAL INFORMATION

Related Product Information for anti-NFS1 antibody	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 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.

Product Categories/Family for anti-NFS1 antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	119596578
NCBI GeneID	9054
UniProt Accession #	Q9Y697
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
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-immunohistochemistry-elisa/175588