

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

NFS1 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                |
|-----------|--------|------------|-----------------------------|
| AAA175588 | Rabbit | Human      | ELISA, Immunohistochemistry |

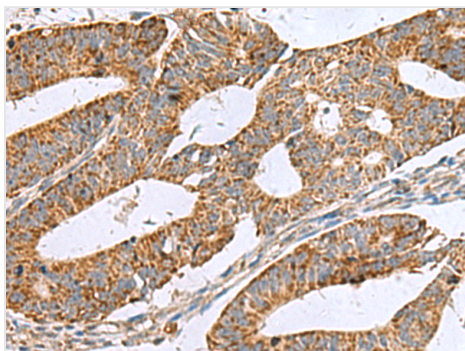
### PRODUCT SYNONYMS

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

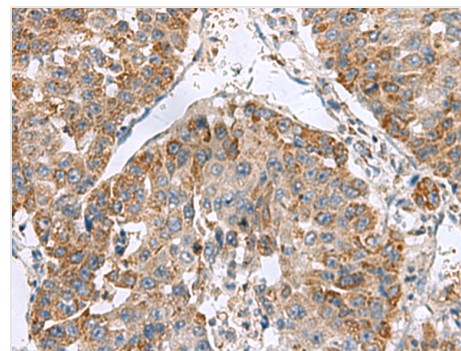
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human                                                   |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> 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 (Immunohistochemistry)

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>