

NFS1 Polyclonal Antibody

Catalog Number: E-AB-19153

Note: Centrifuge before opening to ensure complete recovery of vial contents.

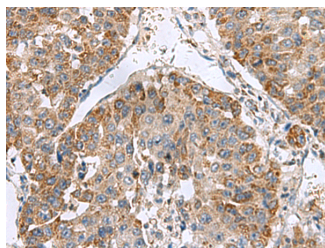
Description

| | |
|---------------------|---|
| Reactivity | Human |
| Immunogen | Fusion protein of human NFS1 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4 |

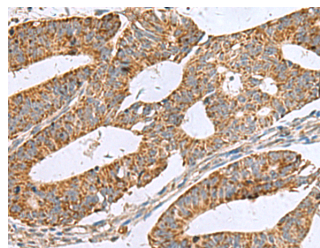
Applications Recommended Dilution

| | |
|--------------|----------------|
| IHC | 1:50-1:200 |
| ELISA | 1:5000-1:10000 |

Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NFS1 Polyclonal Antibody at dilution of 1:50 (x200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using NFS1 Polyclonal Antibody at dilution of 1:50 (x200)

Preparation & Storage

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

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 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.

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