

Datasheet for ABIN7129190

anti-DEGS1 antibody

3 Images

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Overview

| | |
|--------------|--|
| Quantity: | 100 µL |
| Target: | DEGS1 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DEGS1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|-------------------------------|
| Immunogen: | Fusion protein of Human DEGS1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Antigen affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | DEGS1 |
| Alternative Name: | DEGS1 (DEGS1 Products) |
| Background: | Background: This gene encodes a member of the membrane fatty acid desaturase family which is responsible for inserting double bonds into specific positions in fatty acids. This protein contains three His-containing consensus motifs that are characteristic of a group of membrane fatty acid desaturases. It is predicted to be a multiple membrane-spanning protein localized to |

Target Details

the endoplasmic reticulum. Overexpression of this gene inhibited biosynthesis of the EGF receptor, suggesting a possible role of a fatty acid desaturase in regulating biosynthetic processing of the EGF receptor.

Aliases: DEGS1 antibody, DES1 antibody, MLD antibody, MIG15 antibody, Sphingolipid delta(4)-desaturase DES1 antibody, EC 1.14.19.17 antibody, Cell migration-inducing gene 15 protein antibody, Degenerative spermatocyte homolog 1 antibody, Membrane lipid desaturase antibody

UniProt: [O15121](#)

Application Details

Application Notes: ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:100-1:300,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

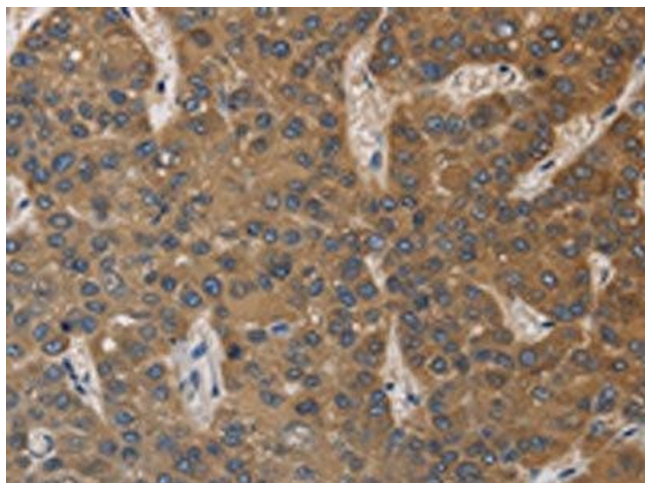
Preservative: Sodium azide

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

Storage: -20 °C, -80 °C

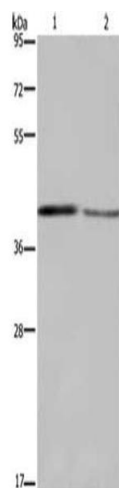
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



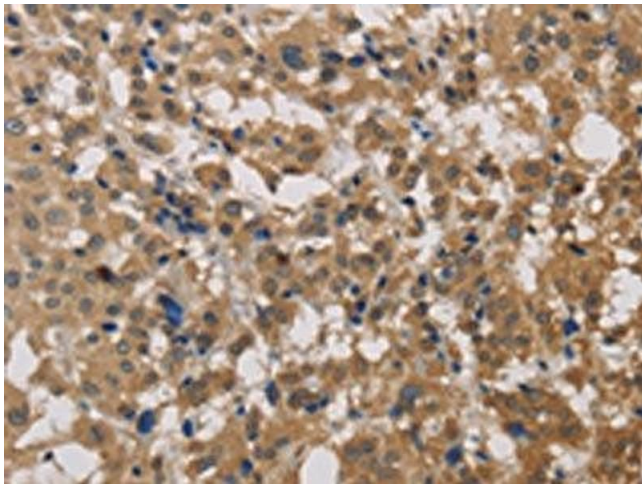
Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ABIN7129190(DEGS1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



Western Blotting

Image 2. Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane 1-2: Mouse small intestine tissue, Mouse skin tissue, Primary antibody: ABIN7129190(DEGS1 Antibody) at dilution 1/450, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 minutes



Immunohistochemistry

Image 3. The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7129190(DEGS1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)