

Datasheet for ABIN2855685
anti-Seladin 1 antibody

5 Images

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Overview

Quantity:	100 µL
Target:	Seladin 1 (DHCR24)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Seladin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Seladin 1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Seladin 1 (24-dehydrocholesterol reductase) Seladin 1 antibody [N1C2]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Seladin 1 (DHCR24)
Alternative Name:	24-dehydrocholesterol reductase (DHCR24 Products)

Target Details

Background: This gene encodes a flavin adenine dinucleotide (FAD)-dependent oxidoreductase which catalyzes the reduction of the delta-24 double bond of sterol intermediates during cholesterol biosynthesis. The protein contains a leader sequence that directs it to the endoplasmic reticulum membrane. Missense mutations in this gene have been associated with desmosterolosis. Also, reduced expression of the gene occurs in the temporal cortex of Alzheimer disease patients and overexpression has been observed in adrenal gland cancer cells.

Cellular Localization: Endoplasmic reticulum membrane , Golgi apparatus membrane

Molecular Weight: 60 kDa

Gene ID: 1718

UniProt: [Q15392](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.47 mg/mL

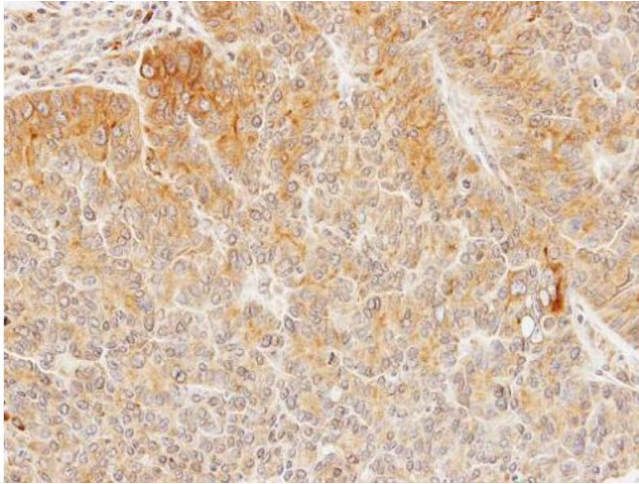
Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

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

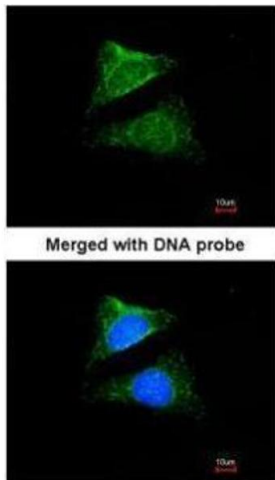
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



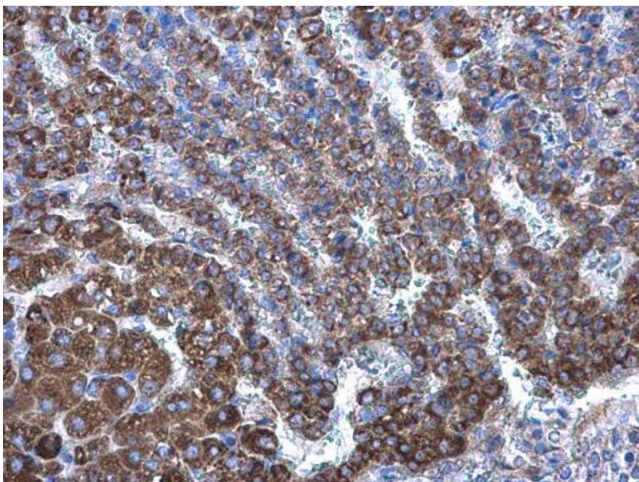
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using Seladin 1, antibody at 1:100 dilution.



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Seladin 1, antibody at 1:200 dilution.



Immunohistochemistry

Image 3. IHC-P Image Seladin 1 antibody [N1C2] detects Seladin 1 protein at cytoplasm on rat adrenal gland by immunohistochemical analysis. Sample: Paraffin-embedded rat adrenal gland. Seladin 1 antibody [N1C2], diluted at 1:500.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855685.