

Datasheet for ABIN2782831

anti-Seladin 1 antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Seladin 1 (DHCR24)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Seladin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DHCR24
Sequence:	FLLPLSLIFD IYYYVRAWVV FKLSSAPRLH EQRVRDIQKQ VREWKEQGSK
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DHCR24. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Seladin 1 (DHCR24)
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Target Details

Alternative Name:	DHCR24 (DHCR24 Products)
Background:	<p>DHCR24 is 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: KIAA0018, Nbla03646, SELADIN1, seladin-1, DCE</p> <p>Protein Interaction Partner: UBC, env, UBL4A, TP53, MDM2,</p> <p>Protein Size: 516</p>
Molecular Weight:	58 kDa
Gene ID:	1718
NCBI Accession:	NM_014762 , NP_055577
UniProt:	Q15392

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 516 AA
Restrictions:	For Research Use only

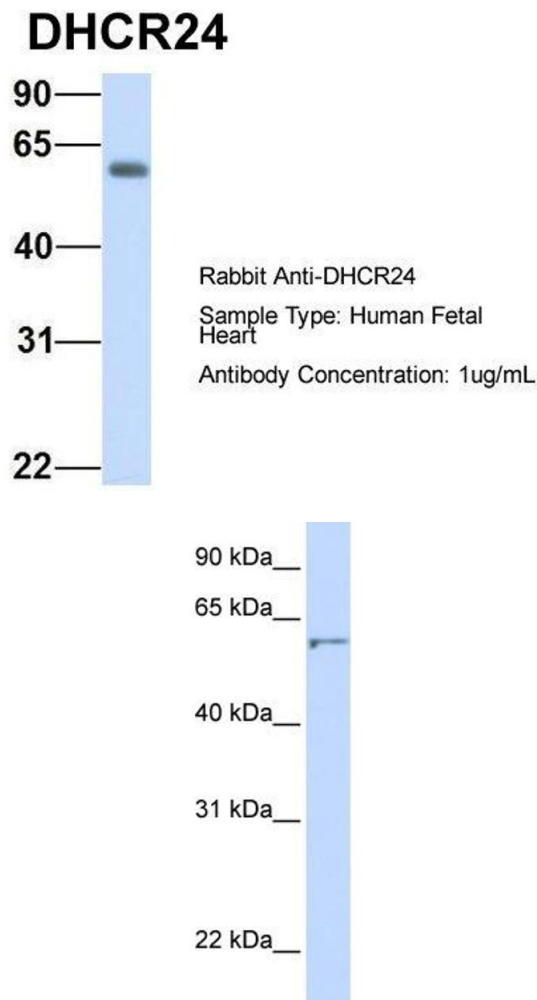
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: DHCR24 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml

Western Blotting

Image 2. WB Suggested Anti-DHCR24 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721_B cell lysate DHCR24 is supported by BioGPS gene expression data to be expressed in 721_B