

Datasheet for ABIN2782832

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

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DHCR24
Sequence:	AELYIDIGAY GEPRVKHFEA RSCMRQLEKF VRSVHGFQML YADCYMNREE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%, Zebrafish: 92%
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

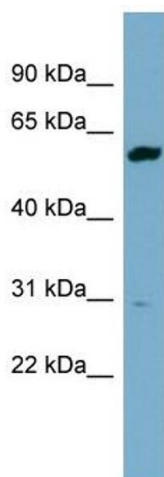
Alternative Name:	DHCR24 (DHCR24 Products)
Background:	<p>DHCR24 is a flavin adenine dinucleotide (FAD)-dependent oxidoreductase which catalyzes the reduction of the delta-24 double bond of sterol intermediates during cholesterol biosynthesis.</p> <p>The protein contains a leader sequence that directs it to the endopla</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

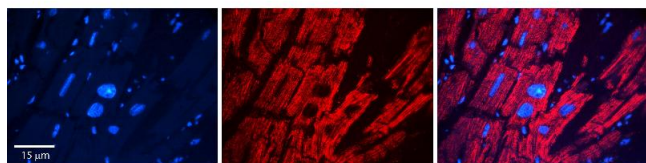
Handling

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



Western Blotting

Image 1. WB Suggested Anti-DHCR24 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: THP-1 cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-DHCR24 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec