

ARG56302 anti-DHCR24 / Seladin 1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DHCR24 / Seladin 1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DHCR24 / Seladin 1
Species	Human
Immunogen	Recombinant protein of Human DHCR24 / Seladin-1
Conjugation	Un-conjugated
Alternate Names	DCE; SELADIN1; Nbla03646; seladin-1; Delta(24)-sterol reductase; EC 1.3.1.72; 24-dehydrocholesterol reductase; 3-beta-hydroxysterol delta-24-reductase; Diminuto/dwarf1 homolog; Seladin-1

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	WB	1:500 - 1:2000
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WB	1:500 - 1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	NCI-H460				

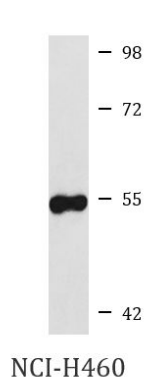
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 1718 Human
	GeneID: 74754 Mouse
	Swiss-port # Q15392 Human
	Swiss-port # Q8VCH6 Mouse
Gene Symbol	DHCR24
Gene Full Name	24-dehydrocholesterol reductase
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. [provided by RefSeq, Jul 2008]
Function	Catalyzes the reduction of the delta-24 double bond of sterol intermediates. Protects cells from oxidative stress by reducing caspase 3 activity during apoptosis induced by oxidative stress. Also protects against amyloid-beta peptide-induced apoptosis. [UniProt]
Calculated Mw	60 kDa

Images



ARG56302 anti-DHCR24 / Seladin 1 antibody WB image

Western blot: NCI-H460 cell lysate stained with ARG56302 anti-DHCR24 / Seladin 1 antibody.