

**DATASHEET**

**Seladin-1 Rabbit Polyclonal Antibody**

CAT. NO. APA12735

**KEY FEATURES**

Target	Seladin-1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

**BACKGROUND**

Catalyzes the reduction of the delta-24 double bond of sterol intermediates during cholesterol biosynthesis . In addition to its cholesterol-synthesizing activity, can protect cells from oxidative stress by reducing caspase 3 activity during apoptosis induced by oxidative stress . Also protects against amyloid-beta peptide-induced apoptosis .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

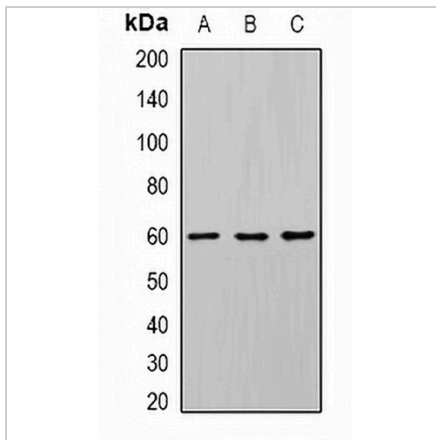
Description	Rabbit polyclonal antibody to Seladin-1
Specificity	Recognizes endogenous levels of Seladin-1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Seladin-1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 54; Observed: 60 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA0018; Delta(24)-sterol reductase; 24-dehydrocholesterol reductase; 3-beta-hydroxysterol delta-24-reductase; Diminuto/dwarf1 homolog; Seladin-1
Gene Symbol	DHCR24
Entrez Gene	1718(Human); 74754(Mouse)
SwissProt	Q15392(Human); Q8VCH6(Mouse); Q5BQE6(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of Seladin-1 expression in U87 (A), HT29 (B), PC12 (C) whole cell lysates. (Predicted band size: 54; 60 kD; Observed band size: 60 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.