

Datasheet for ABIN801363
anti-Seladin 1 antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Seladin 1 (DHCR24)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Seladin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Seladin 1
Isotype:	IgG
Cross-Reactivity:	Mouse, Pig, Rat
Predicted Reactivity:	Human,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Seladin 1 (DHCR24)
Alternative Name:	Seladin 1 (DHCR24 Products)

Target Details

Background:	<p>Synonyms: Seladin1, Seladin-1, DHCR24, 24 dehydrocholesterol reductase, 3-beta-hydroxysterol delta-24-reductase, DCE, Desmosterol to cholesterol enzyme, Diminuto dwarf1 homolog, SELADIN1, Selective AD indicator 1, Selective Alzheimer's Disease Indicator 1.</p> <p>Background: Seladin 1 is highly expressed in brain, adrenal tissues and adrenal tumours, where this enzyme catalyzes the reduction of the delta-24 double bond of sterol intermediates such as desmosterol, during cholesterol biosynthesis. In addition, Seladin 1 has an anti-apoptotic function by reducing caspase 3 activity during oxidative stress-induced apoptosis and protecting cells against amyloid-beta peptide-induced apoptosis. Several studies have identified a reduction in expression levels of this enzyme in brain regions affected by Alzheimer's disease (hippocampus and the subventricular zone).</p>
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Gene ID:	1718
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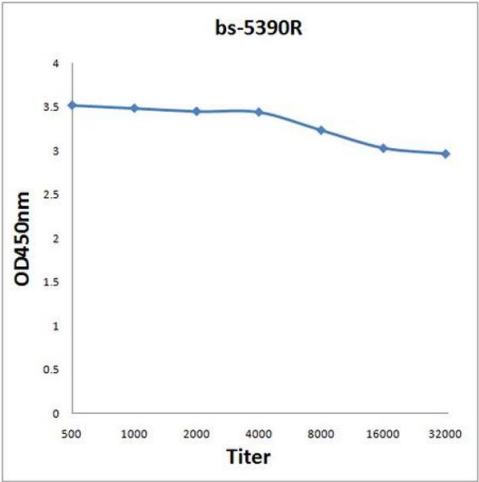
Application Details

Application Notes:	WB 1:100-1000 IHC-P 1:100-500 IF(IHC-P) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



ELISA

Image 1. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1:5000; TMB staining; Read the data in Microplate Reader by 450nm