

Seladin 1 Polyclonal Antibody

Catalog number: 10471-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

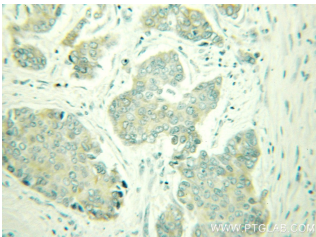
Synonyms:

DHCR24; DHCR24,

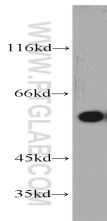
Diminuto/dwarf1 homolog,

KIAA0018, Nbla03646, Seladin

1, SELADIN1



Immunohistochemical of paraffin-embedded human breast cancer using 10471-1-AP (DHCR24 antibody) at dilution of 1:100 (under 25x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 10471-1-AP (DHCR24 antibody) at dilution of 1:800

Background

DHCR24(3-beta-hydroxysterol delta-24-reductase), a member of the flavin adenine dinucleotide (FAD)-dependent oxidoreductases, catalyzes the reduction of the delta-24 double bond of sterol intermediates during cholesterol biosynthesis. The dhcr24 expression was shown to be downregulated in brain areas affected by Alzheimer's disease and endogenous DHCR24/seladin-1 levels are highly up-regulated upon acute oxidative stress while expression declines to very low levels upon chronic exposure (PMID:17984220).

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse, rat
Calculated Seladin 1 MW:	60 kDa/516aa
Observed Seladin 1 MW:	60kd
Positive WB detected in	Jurkat cells, HEK-293 cells, HepG2 cells, MCF7 cells, mouse lung tissue
Positive IHC detected in	Human breast cancer tissue, human liver tissue, human lung tissue, human ovary tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0756
GenBank accession number:	BC004375
Gene ID (NCBI):	1718
Full name:	24-dehydrocholesterol reductase

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.