

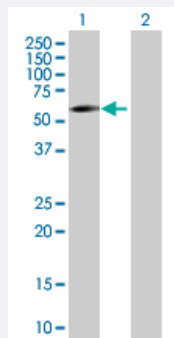
MaxPab®

DHCR24 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001718-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DHCR24 expression in transfected 293T cell line ([H00001718-T01](#)) by DHCR24 MaxPab polyclonal antibody.

Lane 1: DHCR24 transfected lysate (56.76 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DHCR24 protein.
Immunogen	DHCR24 (NP_055577.1, 1 a.a. ~ 516 a.a) full-length human protein.
Sequence	MEPAVSLAVCALLFLLWVRLKGLEFVLIHQRWVFCVCLFLLPLSLIFDIYYVRAWVFKLSSAPRLH EQRVRDIQKQVREWKEQGSKTFMCTGRPGWLTVSLRVGKYKKTHKNIMINLMDILEVDTKKQMRV EPLVTMGQVTALLTSIGWTLPLVPELDDLTVGGLIMGTGIESSSHKYGLFQHICTAYELVLADGSFV RCTPSENSDLFYAVPWSCGTGLFLVAAEIRIIPAKKYVKLRFEFVRGLEAICAKFTHESSQRQENHF VEGLLYSLDEAVIMTGVMTDEAEPKLSIGNYYKPWFVKHVENYLKTNREGLEYIPLRHHYHRHTR SIFWELQDIIPFGNNPIFRYLFGWMVPPKISLLKLTQGETLRKLYEQHHVVQDMLVPMKCLQQALHT FQNDIHVYPIWLCPIFSLPSQPLVHPKGNEAELYDIGAYGEPRVKHFEARSCMRQLEKFVRSVHG FQMLYADCYMNREEFWEMFDGSLYHKLREKLGCQDAFPEVYDKICKAARH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of DHCR24 expression in transfected 293T cell line ([H00001718-T01](#)) by DHCR24 MaxPab polyclonal antibody.

Lane 1: DHCR24 transfected lysate(56.76 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — DHCR24

Entrez GeneID

[1718](#)

GeneBank Accession#

[NM_014762.2](#)

Protein Accession#

[NP_055577.1](#)

Gene Name

DHCR24

Gene Alias

KIAA0018, Nbla03646, SELADIN1, seladin-1

Gene Description

24-dehydrocholesterol reductase

Omim ID

[602398 606418](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

3 beta-hydroxysterol delta 24-reductase|OTTHUMP00000011685|diminuto/dwarf1 homolog|putative protein product of Nbla03646|selective AD indicator 1

Publication Reference

- [Bacterial colonization of host cells in the absence of cholesterol.](#)

Gilk SD, Cockrell DC, Luterbach C, Hansen B, Knodler LA, Ibarra JA, Steele-Mortimer O, Heinzen RA.

PLOS Pathogens 2013 Jan; 9(1):e1003107.

Application: WB, Mouse, MEF cells

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Steroid biosynthesis](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Obstetric Labor](#)