

DNAxPAb

Hard-to-Find
Antibody

DHCR24 DNAxPab

Catalog # H00001718-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DHCR24 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEPAVSLAVCALLFLLWVRLKGLEFVLIHQRWVFCVCLFLLPLSLIFDIYYYVRAWVVKLSSAPRLH EQRVRDIQKQVREWKEQGSKTFMCTGRPGWLTVSLRVGKYKKTHKNIMINLMDILEVDTKKQMRV EPLVTMGQVTALLTSIGWTLFVLPVLPEDDLTVGGIMGTGIESSSHKYGLFQHICTAYELVLADGSFV RCTPSENSDLFYAVPWSCGTGFLVAAEIRIIPAKKYVKLRFEPVRGLEAICAKFTHESSQRQENHF VEGLLYSLDEAVIMTGVMTDEAEPKLSIGNYYKPWFVKHVENYLKTNREGLEYIPLRHYHHRHTR SIFWELQDIIPFGNNPIFRYLFGWMVPPKISLLKLTQGETLRKLYEQHHVVQDMLVPMKCLQQALHT FQNDIHVYPIWLCPIFSLPSQPLVHPKGNEAELYDIGAYGEPRVKHFEARSCMRQLEKFVRSVHG FQMLYADCYMNREEFWEMFDGSLYHKLREKLGCQDAFPEVYDKICKAARH
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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

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](#)