

DHCR24 rabbit monoclonal antibody

Catalog # H00001718-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DHCR24 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DHCR24 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DHCR24 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DHCR24

Entrez GeneID	1718
GeneBank Accession#	DHCR24
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](#)