DHCR7 Antibody

Catalog No: #36415

Description



Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

DHCR7 Antibody
Rabbit
Polyclonal
Antigen affinity purification.
IHC
Hu Ms
The antibody detects endogenous levels of total DHCR7 protein.
Recombinant Protein
Fusion protein corresponding to a region derived from internal residues of human 7-dehydrocholesterol
reductase
DHCR7
SLOS
Swiss-Prot#: Q9UBM7NCBI Gene ID: 1717Gene Accssion: BC000054
Q9UBM7
1717;
0.8mg/ml
Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Store at -20°C

## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36415 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36415 at dilution 1/20.

## Background

This gene encodes an enzyme that removes the C(7-8) double bond in the B ring of sterols and catalyzes the conversion of 7-dehydrocholesterol to cholesterol. This gene is ubiquitously expressed and its transmembrane protein localizes to the endoplasmic reticulum membrane and nuclear outer membrane. Mutations in this gene cause Smith-Lemli-Opitz syndrome (SLOS); a syndrome that is metabolically characterized by reduced serum cholesterol levels and elevated serum 7-dehydrocholesterol levels and phenotypically characterized by mental retardation, facial dysmorphism, syndactyly of second and third toes, and holoprosencephaly in severe cases to minimal physical abnormalities and near-normal intelligence in mild cases. Alternative splicing results in multiple transcript variants that encode the same protein.

Note: This product is for in vitro research use only