

DHCR7 Antibody

Catalog No: #36415

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

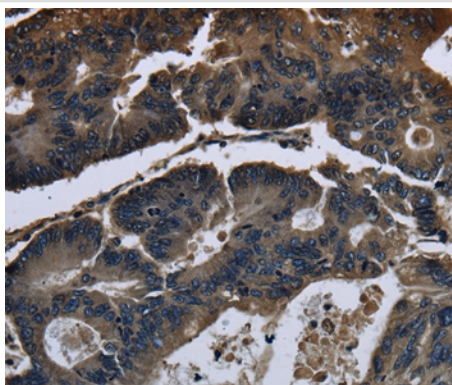
Description

Product Name	DHCR7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total DHCR7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human 7-dehydrocholesterol reductase
Target Name	DHCR7
Other Names	SLOS
Accession No.	Swiss-Prot#: Q9UBM7NCBI Gene ID: 1717Gene Accssion: BC000054
Uniprot	Q9UBM7
GeneID	1717;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

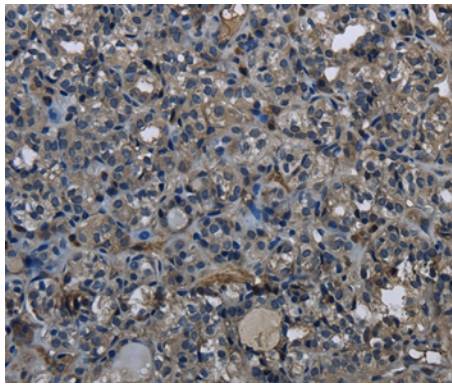
Application Details

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