

Rabbit DHCR7 Polyclonal Antibody | anti-DHCR7 antibody

DHCR7 Polyclonal Antibody

CATALOG # AAA169591	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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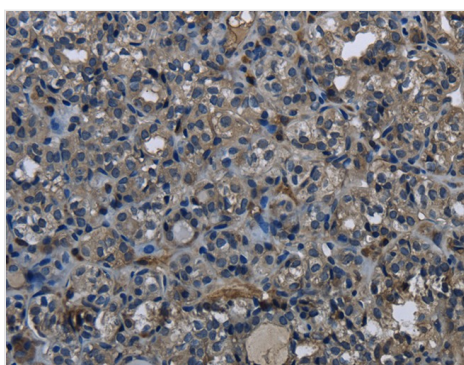
PRODUCT SYNONYMS

DHCR7; Polyclonal Antibody; DHCR7 Polyclonal Antibody; SLOS; anti-DHCR7 antibody

PRODUCT SPECIFICATIONS

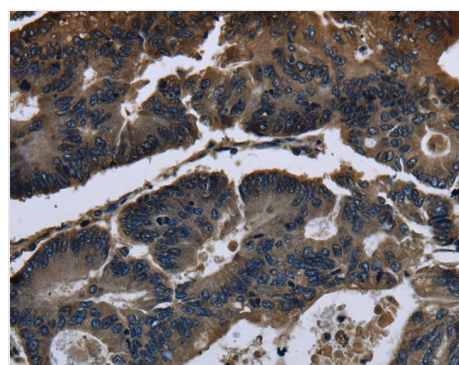
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	475
Applicable Applications for anti-DHCR7 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human DHCR7
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DHCR7 Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using DHCR7 Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-DHCR7 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12652617
NCBI GeneID	1717
Molecular Weight	54,489 Da
NCBI Official Full Name	DHCR7 protein
NCBI Official Synonym Full Names	7-dehydrocholesterol reductase
NCBI Official Symbol	DHCR7
NCBI Official Synonym Symbols	SLOS
NCBI Protein Information	7-dehydrocholesterol reductase; 7-DHC reductase; delta-7-dehydrocholesterol reductase; putative sterol reductase SR-2; sterol delta-7-reductase
UniProt Protein Name	7-dehydrocholesterol reductase
UniProt Gene Name	DHCR7
UniProt Synonym Gene Names	D7SR; 7-DHC reductase
UniProt Entry Name	DHCR7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dhcr7-antibody-immunohistochemistry-elisa/169591>