

Rabbit DHCR7 Polyclonal Antibody | anti-DHCR7 antibody

DHCR7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329109	Rabbit	Human, Mouse, Rat	ELISA

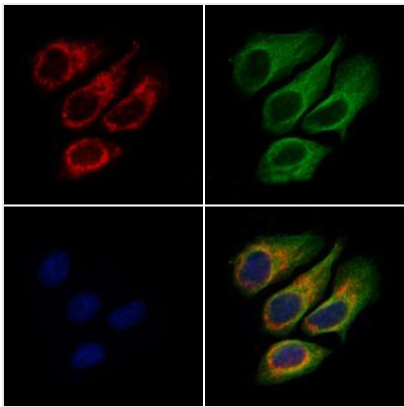
PRODUCT SYNONYMS

DHCR7; Polyclonal Antibody; DHCR7 Antibody; 7 dehydrocholesterol reductase; 7 DHC reductase; Delta 7 dehydrocholesterol reductase; Putative sterol reductase SR 2; SLOS; Sterol delta 7 reductase; Sterol Delta; anti-DHCR7 antibody

PRODUCT SPECIFICATIONS

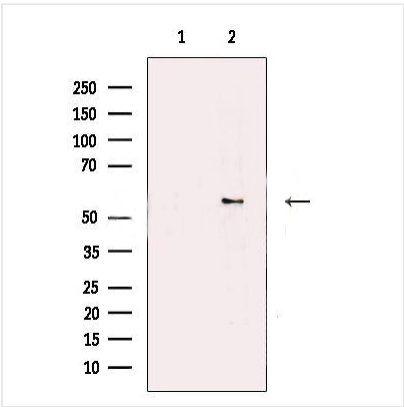
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DHCR7 Antibody detects endogenous levels of total DHCR7.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	475
Applicable Applications for anti-DHCR7 antibody	ELISA
Immunogen	A synthesized peptide derived from human DHCR7, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329109 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA329109 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using DHCR7 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DHCR7 antibody	Function: Production of cholesterol by reduction of C7-C8 double bond of 7-dehydrocholesterol (7-DHC).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255308875
NCBI GeneID	1717
NCBI Accession #	NP_001157289.1
NCBI GenBank Nucleotide #	NP_001157289.1
UniProt Accession #	Q9UBM7
Molecular Weight	Observed Molecular Weight: (Observed)54kD. Predicted Molecular Weight: (Calculated)54kDa.
NCBI Official Full Name	7-dehydrocholesterol reductase
NCBI Official Synonym Full Names	7-dehydrocholesterol reductase
NCBI Official Symbol	DHCR7
NCBI Official Synonym Symbols	SLOS
NCBI Protein Information	7-dehydrocholesterol reductase
UniProt Protein Name	7-dehydrocholesterol reductase
UniProt Gene Name	DHCR7
UniProt Synonym Gene Names	D7SR; 7-DHC reductase

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.