

Rabbit HMGCR Antibody | anti-HMGCR antibody

HMGCR Antibody

CATALOG # AAA266771	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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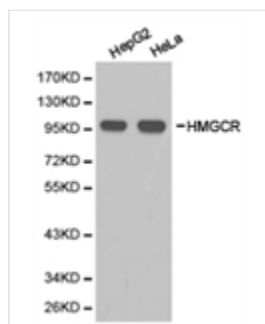
PRODUCT SYNONYMS

HMGCR; HMGCR Antibody; LDLQC3; anti-HMGCR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	888
Applicable Applications for anti-HMGCR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human HMGCR
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C or -80 degree C. Avoid freeze/thaw cycles.

IMAGES



Application Data

Western blot analysis of extracts of various cell lines, using HMGCR antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HMGCR antibody

HMG-CoA reductase is the rate-limiting enzyme for cholesterol synthesis and is regulated via a negative feedback mechanism mediated by sterols and non-sterol metabolites derived from mevalonate, the product of the reaction catalyzed by reductase. Normally in mammalian cells this enzyme is suppressed by cholesterol derived from the internalization and degradation of low density lipoprotein (LDL) via the LDL receptor. Competitive inhibitors of the reductase induce the expression of LDL receptors in the liver, which in turn increases the catabolism of plasma LDL and lowers the plasma concentration of cholesterol, an important determinant of atherosclerosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

Product Categories/Family for anti-HMGCR antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557643
NCBI GeneID	3156
NCBI Accession #	NP_000850.1
NCBI GenBank Nucleotide #	NM_000859.2
UniProt Accession #	P04035; Q8N190; B7Z3Y9
Molecular Weight	95kDa
NCBI Official Full Name	3-hydroxy-3-methylglutaryl-Coenzyme A reductase isoform 1
NCBI Official Synonym Full Names	3-hydroxy-3-methylglutaryl-CoA reductase
NCBI Official Symbol	HMGCR
NCBI Official Synonym Symbols	LDLCQ3
NCBI Protein Information	3-hydroxy-3-methylglutaryl-Coenzyme A reductase
UniProt Protein Name	3-hydroxy-3-methylglutaryl-coenzyme A reductase
UniProt Gene Name	HMGCR
UniProt Synonym Gene Names	HMG-CoA 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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-antibody/hmgcr/266771>