

Rabbit HMGCR Polyclonal Antibody | anti-HMGCR antibody

HMGCR Antibody

CATALOG # AAA303991	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HMGCR; Polyclonal Antibody; HMGCR Antibody; LDLCQ3; anti-HMGCR antibody

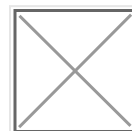
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous level of total HMGCR protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	888
Applicable Applications for anti-HMGCR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human HMGCR (NP_000850.1)
Target Name	HMGCR
Preparation and Storage	Store at -20°C

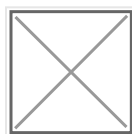
IMAGES


IF (Immunofluorescence)

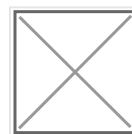
Immunofluorescence analysis of U-2 OS cells using HMGCR Rabbit pAb


IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using HMGCR Rabbit pAb.


IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using HMGCR Rabbit pAb.


WB (Western Blot)

Western blot analysis of extracts of Rat brain, using HMGCR Rabbit pAb

**WB (Western Blot)**

Western blot analysis of extracts of Mouse spleen, using HMGCR Rabbit pAb.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human uterinecancer using HMGCR at dilution of 1:200 (40x lens)

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.
Product Categories/Family for anti-HMGCR antibody	Total protein Ab

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	SDS-PAGE MW: 97 KDa
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
UniProt Entry Name	HMDH_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmgcr-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303991>