

Rabbit anti-Human HMGCR Polyclonal Antibody | anti-HMGCR antibody

HMGCR Antibody - middle region

CATALOG # AAA201564	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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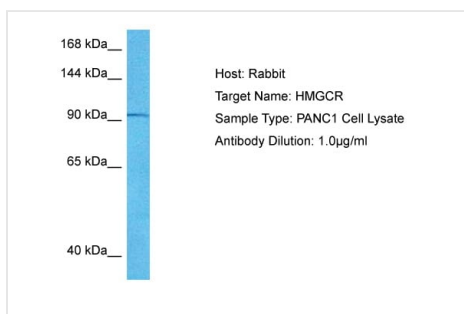
PRODUCT SYNONYMS

HMGCR; Polyclonal Antibody; HMGCR Antibody - middle region; anti-HMGCR antibody

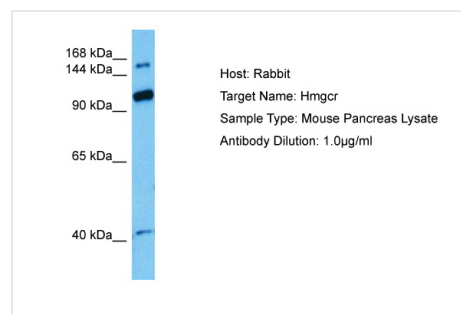
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TL METHERG VSI RRQLSKKLS EPSSLQYLPY RDYNYSLVMG ACCENVIG
Sequence Length	888
Applicable Applications for anti-HMGCR antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HMGCR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: Rabbit Target Name: HMGCR Sample Tissue: Human PANC1 Whole Cell lysates Antibody Dilution: 1 µg/ml


WB (Western Blot)

Host: Mouse Target Name: HMGCR Sample Tissue: Mouse Pancreas Antibody Dilution: 1 µg/ml

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	Polyclonal; Cell Biology; Disease Related; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	123343
NCBI GeneID	3156
NCBI Accession #	NP_000850.1
NCBI GenBank Nucleotide #	NM_000859.2
UniProt Accession #	P04035
Molecular Weight	98 kDa
NCBI Official Full Name	3-hydroxy-3-methylglutaryl-coenzyme A reductase
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://www.aaabiotech.com/polyclonal/hmgcr-antibody-western-blot-elisa/201564>