

Product datasheet for TA361076

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HMGCR Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle terminal region of human

HMGCR

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 97 kDa

Gene Name: 3-hydroxy-3-methylglutaryl-CoA reductase

Database Link: NP 000850.1

Entrez Gene 3156 Human

P04035

HMGCR Rabbit Polyclonal Antibody - TA361076

Background:

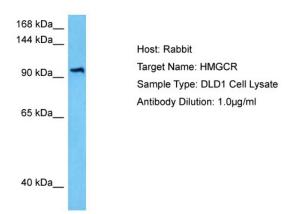
HMG-CoA reductase is the rate-limiting enzyme for cholesterol synthesis and is regulated via a negative feedback mechanism mediated by sterols and non-sterol metabolites derived from mevalonate, the product of the reaction catalyzed by reductase. Normally in mammalian cells this enzyme is suppressed 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.

Synonyms: LDLCQ3

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Metabolic pathways, Terpenoid backbone biosynthesis

Product images:



Host: Rabbit

Target Name: HMGCR

Sample Tissue: Human DLD1 Whole Cell lysates

Antibody Dilution: 1ug/ml