

# [KO Validated] HMGCR Rabbit Polyclonal Antibody

## CAB14741



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

101kDa

**Calculated MW:**

92kDa/97kDa/99kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

### Protein 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.

### Immunogen information

**Gene ID:**

3156

**Uniprot**

P04035

**Synonyms:**

HMGCR; LDLCQ3; HMGCR

**Immunogen:**

Recombinant fusion protein containing a sequence corresponding to amino acids 629-888 of human HMGCR (NP\_000850.1).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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