

HMG-CoA reductase Polyclonal Antibody

CATALOG #:	3952-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	Synthetic peptide surrounding amino acid 830 of human HMG-CoA reductase.
INTERNAL ID#:	BV-H43G
HOST:	Rabbit
SPECIES REACTIVITY:	Human, Mouse, Rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-HMG-CoA reductase polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

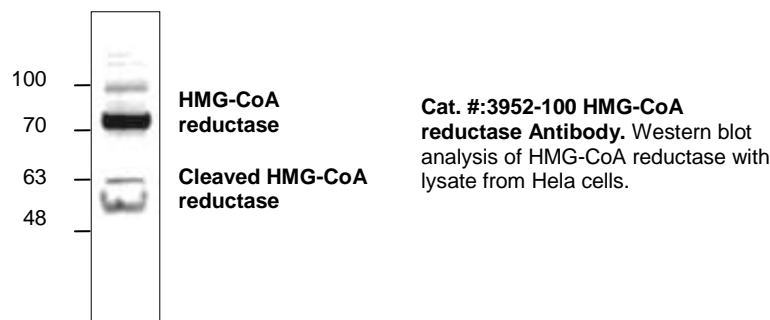
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

HMG-CoA reductase (HMGCR) is the rate-limiting enzyme for cholesterol biosynthesis. HMGCR is regulated via a negative feedback mechanism mediated by sterols and non-sterol metabolites derived from the product of the reductase reaction. Statin, a class of cholesterol-lowering drugs inhibits HMGCR by lowering plasma cholesterol.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3952BP-50) is available separately.



FOR RESEARCH USE ONLY! Not to be used on humans.

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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- Bioluminescence Cytotoxicity Assay Kit
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