

HMGR polyclonal antibody

Catalog: BS90652

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The human enzyme hydroxy-3-methylglutaryl coenzyme A reductase (HMGR) limits the rate of cholesterol synthesis, a necessary process for cellular growth, in liver tissue. Phosphorylation of HMGR inactivates the enzyme, which occurs via a negative feedback mechanism mediated by sterols and non-sterol metabolites derived from the product of the reductase reaction. Inhibitors of HMGR (statins) exert anti-inflammatory effects and decrease the frequency of cardiovascular events by lowering plasma cholesterol. Additionally, intermediate products along the pathway catalyzed by HMGR, which modulate signal transducing proteins such as Ras, provide possible ties between HMGR regulation and new chemotherapeutic methods.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

97 kDa

Swiss-Prot:

P04035(Human) Q01237(Mouse) P51639(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

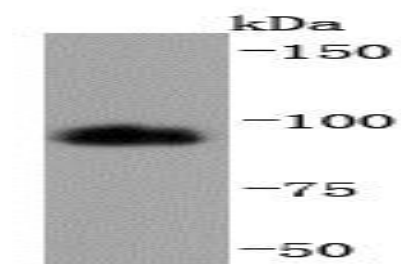
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

HMGR polyclonal antibody detects endogenous levels of HMGR protein.

DATA:



Western blot analysis of HMGR on Hela cells lysates using anti-HMGR antibody at 1/1,000 dilution.

Note:

For research use only, not for use in diagnostic procedure.

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