

HMGCR Rabbit pAb

货号: B11987

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus
应用	WB IHC IF/ICC
推荐浓度	WB: 1:1000 - 1:4000 IHC: 1:50 - 1:100 IF/ICC: 1:50 - 1:200
理论分子量	92kDa/97kDa/99kDa
实测分子量	97KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse spleen,Rat brain
细胞定位	Endoplasmic reticulum membrane,Multi-pass membrane protein
纯化	Affinity purification

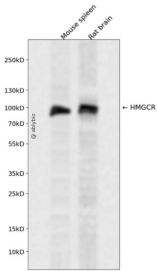
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 700-800 of human HMGCR (NP_000850.1).
序列	EGRGKSVVCEAVIPAKVVREVLKTTTEAMIEVNINKNLVGSAMAGSIGGYNAHAANIVTAIYIACGQDAAQNVGSSNCITLM EASGPTNEDLYISCTMPSI

靶点信息

研究背景	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.
基因ID	3156
基因名	HMGCR
Swiss	P04035
别名	HMGCR;LDLCQ3;HMGCR

产品验证



Western blot analysis of HMGCR expressed in Mouse spleen,Rat brain using HMGCR Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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