

产品名称: HMGCR (10J19) Rabbit Monoclonal Antibody
产品货号: AMRe12115



产品概述 (Summary)

产品名称 (Production Name)	HMGCR (10J19) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HMGCR
别名 (Alternative Names)	3H3M; HMDH; HMG CoA reductase; HMG CoAR;
基因 ID (Gene ID)	3156.0
蛋白 ID (SwissProt ID)	P04035.A synthetic peptide of human HMGCR

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	98kDa

研究背景 (Background)

Transmembrane glycoprotein that is the rate-limiting enzyme in cholesterol biosynthesis as well as in the biosynthesis of

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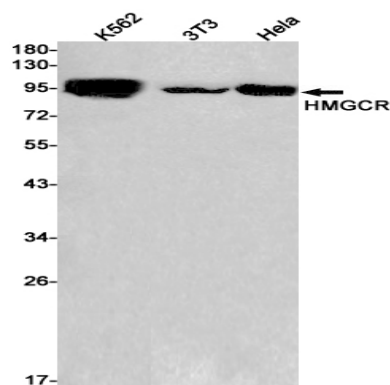


nonsterol isoprenoids that are essential for normal cell function including ubiquinone and geranylgeranyl proteins. Catalyzes the conversion of (3S)-hydroxy-3-methylglutaryl-CoA (HMG-CoA) to mevalonic acid, the rate-limiting step in the synthesis of cholesterol and other isoprenoids, thus plays a critical role in cellular cholesterol homeostasis (PubMed:2991281, PubMed:21357570, PubMed:6995544). HMGCR is the main target of statins, a class of cholesterol-lowering drugs (PubMed:11349148, PubMed:18540668).

研究领域 (Research Area)

Cardiovascular

图片 (Image Data)



Western blot detection of HMGCR in K562, 3T3, HeLa cell lysates using HMGCR antibody (1:1000 diluted).

注意事项 (Note)

For research use only.