

产品名称: ALR Rabbit Polyclonal Antibody
产品货号: APRab06808



产品概述 (Summary)

产品名称 (Production Name)	ALR Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
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)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GFER
别名 (Alternative Names)	GFER; ALR; HERV1; HPO; FAD-linked sulfhydryl oxidase ALR; Augmenter of liver regeneration; hERV1; Hepatopoietin
基因 ID (Gene ID)	2671.0
蛋白 ID (SwissProt ID)	P55789.The antiserum was produced against synthesized peptide derived from the Internal region of human GFER. AA range:51-100

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	24kDa

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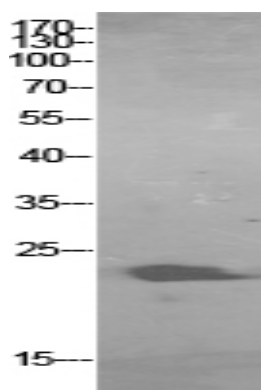


研究背景 (Background)

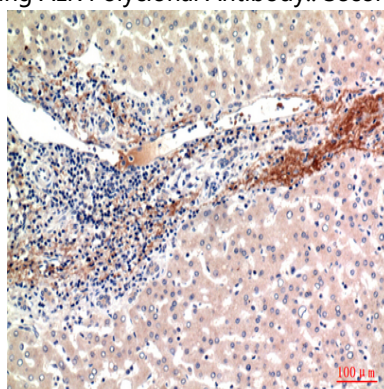
The hepatotrophic factor designated augmentor of liver regeneration (ALR) is thought to be one of the factors responsible for the extraordinary regenerative capacity of mammalian liver. It has also been called hepatic regenerative stimulation substance (HSS). The gene resides on chromosome 16 in the interval containing the locus for polycystic kidney disease (PKD1). The putative gene product is 42% similar to the scERV1 protein of yeast. The yeast scERV1 gene had been found to be essential for oxidative phosphorylation, the maintenance of mitochondrial genomes, and the cell division cycle. The human gene is both the structural and functional homolog of the yeast scERV1 gene. [provided by RefSeq, Jul 2008], catalytic activity: $4 \text{ R}'\text{C}(\text{R})\text{SH} + \text{O}_2 = 2 \text{ R}'\text{C}(\text{R})\text{S-S}(\text{R})\text{CR}' + 2 \text{ H}_2\text{O}$, cofactor: FAD, function: FAD-dependent sulfhydryl oxidase that catalyzes disulfide bond formation, similarity: Contains 1 ERV/ALR sulfhydryl oxidase domain, subunit: Homodimer,

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of HBE cells using ALR Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

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注意事项 (Note)

For research use only .