

产品名称: Catalase Rabbit Polyclonal Antibody
产品货号: APRab00174



产品概述 (Summary)

产品名称 (Production Name)	Catalase Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	CAT
别名 (Alternative Names)	Cas1; CAT; Catalase; Cs1
基因 ID (Gene ID)	847
蛋白 ID (SwissProt ID)	P04040.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 60 kDa; Observed MW: 60 kDa

研究背景 (Background)

Catalase catalyzes the conversion of hydrogen peroxide to water and oxygen. Research studies show that overexpression of

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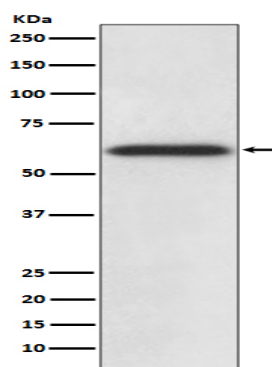


this antioxidant enzyme increases the ability of pancreatic β -cells to scavenge reactive oxygen species (ROS), thereby protecting pancreatic β -cells from oxidative stress.

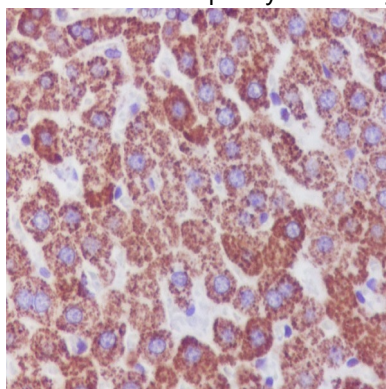
研究领域 (Research Area)

Tags & Cell Markers

图片 (Image Data)



Western blot analysis of Catalase in HepG2 lysates using Catalase antibody.



Immunohistochemistry analysis of paraffin-embedded rat liver using Catalase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .