

产品名称: Catalase Rabbit Monoclonal Antibody
产品货号: AMRe85385



产品概述 (Summary)

产品名称 (Production Name)	Catalase Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC
种属反应性 (Reactivity)	Human

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)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Catalase
别名 (Alternative Names)	Cas1; CAT; Catalase; Cs1
基因 ID (Gene ID)	847.0
蛋白 ID (SwissProt ID)	P04040.A synthetic peptide of human Catalase

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, IHC 1:50-1:100, ICC 1:50-1:200
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

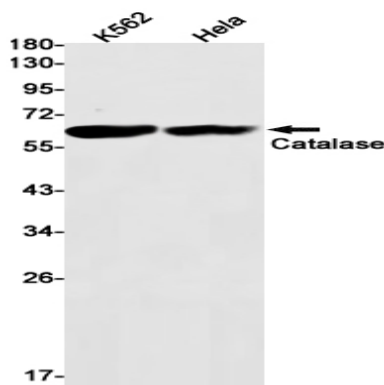
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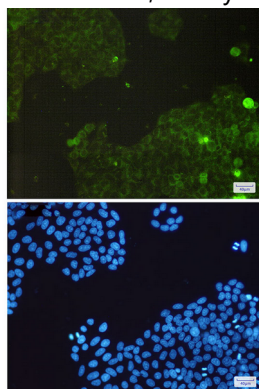
this antioxidant enzyme increases the ability of pancreatic β -cells to scavenge reactive oxygen species (ROS), thereby protecting pancreatic β -cells from oxidative stress.

研究领域 (Research Area)

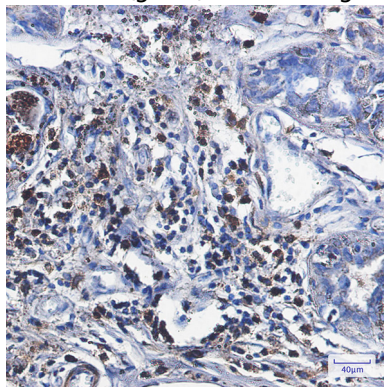
图片 (Image Data)



Western blot analysis of Catalase in K562, HeLa lysates using Catalase antibody.



Immunocytochemistry analysis of Catalase(green) in HeLa using Catalase antibody, and DAPI(blue)



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

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注意事项 (Note)

For research use only .