

产品名称: GPX1 (7G14) Rabbit Monoclonal Antibody
产品货号: AMRe11727



产品概述 (Summary)

产品名称 (Production Name)	GPX1 (7G14) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP,IF-P
种属反应性 (Reactivity)	Human,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)	GPX1
别名 (Alternative Names)	GPX1; GSHPX1; MGC14399; MGC88245 ; Glutathione Peroxidase 1;
基因 ID (Gene ID)	2876.0
蛋白 ID (SwissProt ID)	P07203.A synthetic peptide of human Glutathione Peroxidase 1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:100,ICC/IF 1:20-1:50,FC 1:20-1:50,IP 1:20-1:50,IF-P 1:50-1:100
蛋白分子量 (Molecular Weight)	22kDa

研究背景 (Background)

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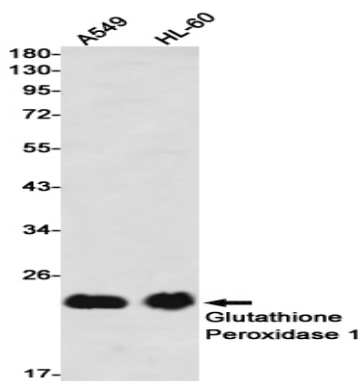


Glutathione peroxidase 1 (GPX1) is a cytosolic selenoprotein which reduces hydrogen peroxide to water. GPX1 is the most abundant and ubiquitous among the five GPX isoforms identified so far. It is an important component in the anti-oxidative defense in cells and is associated with a variety of disease conditions, such as colon cancer, coronary artery disease and insulin resistance. Protects the hemoglobin in erythrocytes from oxidative breakdown. In platelets, plays a crucial role of glutathione peroxidase in the arachidonic acid metabolism (PubMed: <http://www.uniprot.org/citations/11115402> target="_blank">11115402).

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot detection of Glutathione Peroxidase 1 in A549,HL-60 using Glutathione Peroxidase 1 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .