

产品名称: Peroxiredoxin 2 Rabbit Monoclonal Antibody
产品货号: AMRe87620



产品概述 (Summary)

产品名称 (Production Name)	Peroxiredoxin 2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, FC
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% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Peroxiredoxin 2
别名 (Alternative Names)	PRP; TSA; PRX2; PTX1; TPX1; NKEFB; PRXII; TDPX1; NKEF-B; HEL-S-2a
基因 ID (Gene ID)	7001
蛋白 ID (SwissProt ID)	P32119.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:5000-1:50000, ICC/IF 1:100-1:200, FC 1:100-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW:22 kDa; Observed MW:22 kDa

研究背景 (Background)

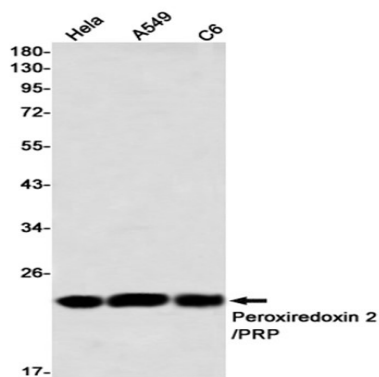
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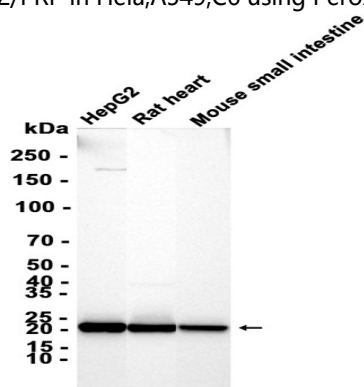
This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein plays an antioxidant protective role in cells, and it may contribute to the antiviral activity of CD8(+) T-cells. The crystal structure of this protein has been resolved to 2.7 angstroms. This protein prevents hemolytic anemia from oxidative stress by stabilizing hemoglobin, thus making this gene a therapeutic target for patients with hemolytic anemia. This protein may have a proliferative effect and play a role in cancer development or progression. Related pseudogenes have been identified on chromosomes 5, 6, 10 and 13. [provided by RefSeq, Mar 2013]

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of Peroxiredoxin 2/PRP in HeLa, A549, C6 using Peroxiredoxin 2/PRP antibody (1:1000 diluted)



Western blot analysis of extracts from HepG2 cells and Rat heart, Mouse small intestine tissue using AMRe87620 at 1:5000.

注意事项 (Note)

For research use only.