

产品名称: Peroxiredoxin 1 Mouse Monoclonal Antibody
产品货号: AMM85028



产品概述 (Summary)

产品名称 (Production Name)	Peroxiredoxin 1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC
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)	Mouse IgG1
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 PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Peroxiredoxin 1 PRDX1; PAGA; PAGB; TDPX2; Peroxiredoxin-1; Natural killer cell-enhancing factor A; NKEF-A; Proliferation-associated gene protein; PAG; Thioredoxin peroxidase 2; Thioredoxin-dependent peroxide reductase 2
别名 (Alternative Names)	
基因 ID (Gene ID)	5052.0
蛋白 ID (SwissProt ID)	Q06830.Recombinant Protein of Peroxiredoxin-1

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: 22 kDa; Observed MW: 22 kDa

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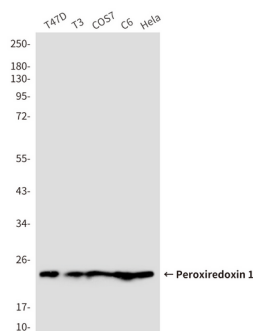


研究背景 (Background)

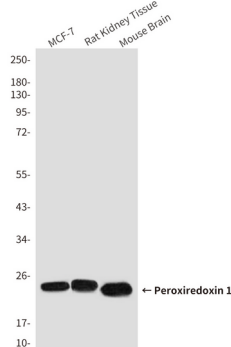
Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system but not from glutaredoxin. May play an important role in eliminating peroxides generated during metabolism. Might participate in the signaling cascades of growth factors and tumor necrosis factor- α by regulating the intracellular concentrations of H_2O_2 .

研究领域 (Research Area)

图片 (Image Data)

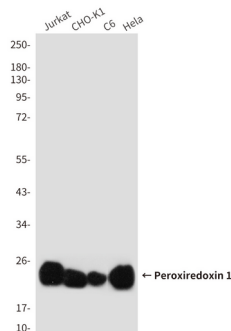


Western blot analysis of Prdx 1 in T47D, 3T3, COS7, C6 and HeLa lysates using Prdx 1 antibody.

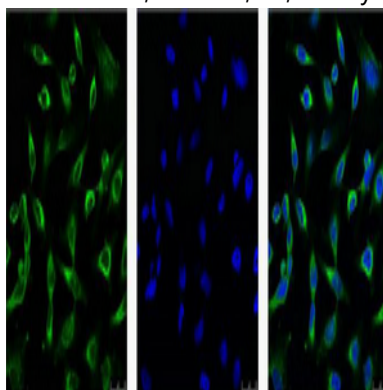


Western blot analysis of Peroxiredoxin 1 in MCF-7, rat Kidney, mouse Brain lysates using Peroxiredoxin 1 antibody.

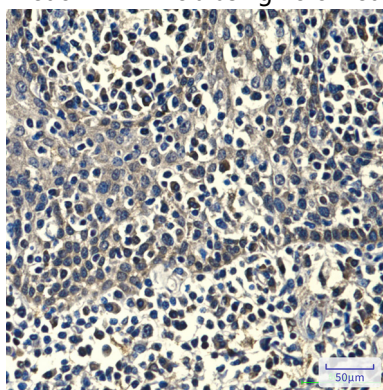
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Western blot analysis of Peroxiredoxin 1 in Jurkat, CHO-K1, C6, HeLa lysates using Peroxiredoxin 1 antibody



Immunofluorescence analysis of Peroxiredoxin 1 in HeLa using Peroxiredoxin 1 antibody(left), and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Peroxiredoxin 1/PAG antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .