

产品名称: Peroxiredoxin 1 (6A6) Mouse Monoclonal Antibody
产品货号: AMM03598



产品概述 (Summary)

产品名称 (Production Name)	Peroxiredoxin 1 (6A6) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC/IF
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)	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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PRDX1
别名 (Alternative Names)	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
基因 ID (Gene ID)	5052
蛋白 ID (SwissProt ID)	Q06830.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 22 kDa; Observed MW: 22 kDa

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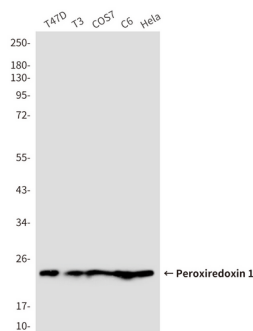
研究背景 (Background)

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-alpha by regulating the intracellular concentrations of H₂O₂.

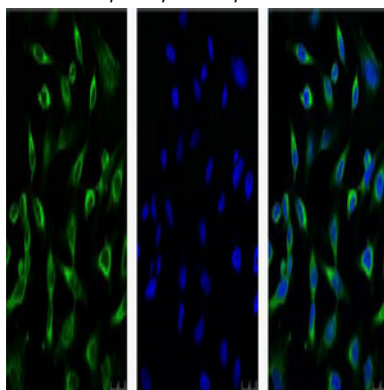
研究领域 (Research Area)

Cell Biology

图片 (Image Data)

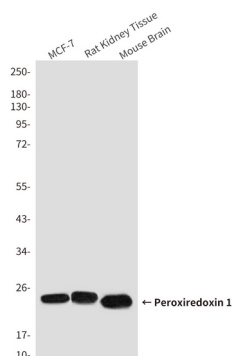


Western blot analysis of Prdx 1 in T47D, 3T3, COS7, C6 and HeLa lysates using Prdx 1 antibody.

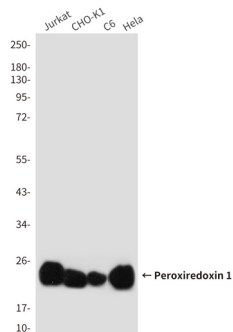


Immunofluorescence analysis of Peroxiredoxin 1 (6A6) in HeLa using Peroxiredoxin 1 (6A6) antibody(left), and DAPI (blue).

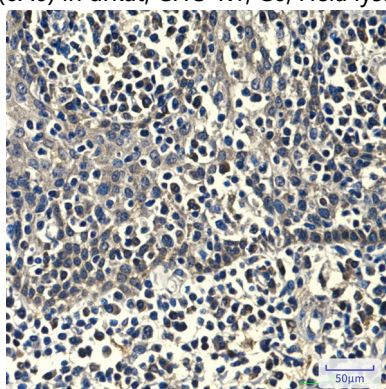
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Western blot analysis of Peroxiredoxin 1 (6A6) in MCF-7, rat Kidney , mouse Brain lysates using Peroxiredoxin 1 (6A6) antibody.



Western blot analysis of Peroxiredoxin 1 (6A6) in Jurkat, CHO-K1, C6, HeLa lysates using Peroxiredoxin 1 (6A6) antibody



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Peroxiredoxin 1/PAG (6A6) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .