

PRDX1 Antibody

Catalog No: #32463

Package Size: #32463-1 50ul #32463-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

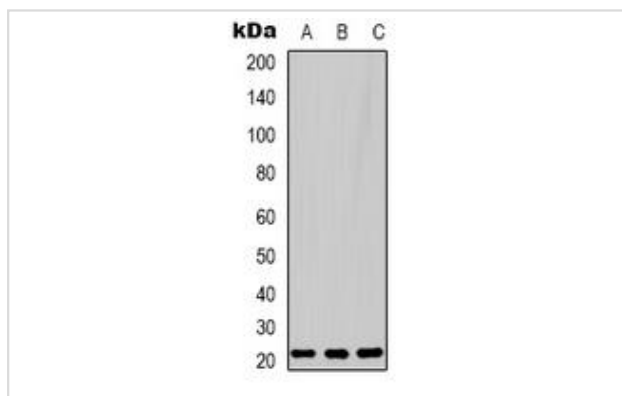
Description

Product Name	PRDX1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Specificity	The antibody detects endogenous level of total PRDX1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein corresponding to human Peroxiredoxin 1.
Target Name	PRDX1
Other Names	PRDX1;MSP23;NKEF-A;NKEFA;PAG;PAGA;PAGB;PRX1;PRXI;TDPX2
Accession No.	Uniprot:Q06830GeneID:5052
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GeneID	5052
SDS-PAGE MW	21kDa
Concentration	1.0mg/ml
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

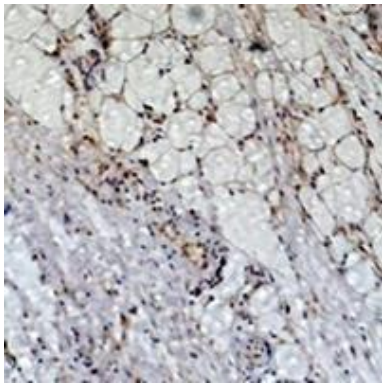
Application Details

WB 1:1000-1:2000 IHC 1:200-1:500

Images



Western blot analysis of Peroxiredoxin 1 expression in HeLa (A), mouse brain (B), rat brain (C) whole cell lysates.



Immunohistochemical analysis of Peroxiredoxin 1 staining in human Hepatocancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Background

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Four transcript variants encoding the same protein have been identified for this gene.

Note: This product is for in vitro research use only