

PRDX1 Antibody

Catalog No: #31263

Package Size: #31263-1 50ul #31263-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	PRDX1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total PRDX1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide peptide corresponding to a region derived from 103-115 amino acids of human peroxiredoxin 1
Target Name	PRDX1
Other Names	peroxiredoxin 1, PAG, PAGA, PAGB, PRX1, PRXI, MSP23, NKEFA, TDPX2, NKEF-A
Accession No.	Swiss-Prot:Q06830Gene ID:5052;
Uniprot	Q06830
GeneID	5052;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

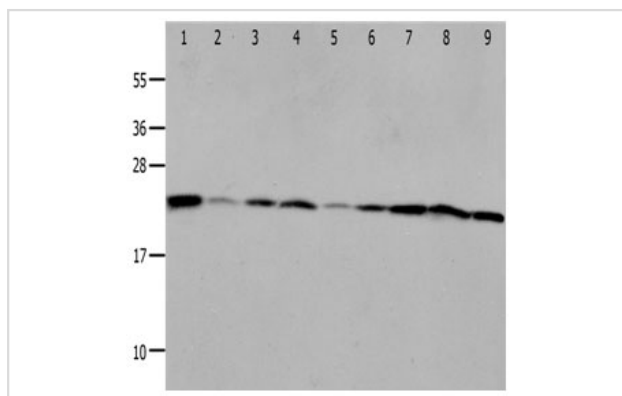
Predicted MW: 22kd

ELISA: 1:1000-1:2000

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 12% SDS-PAGE

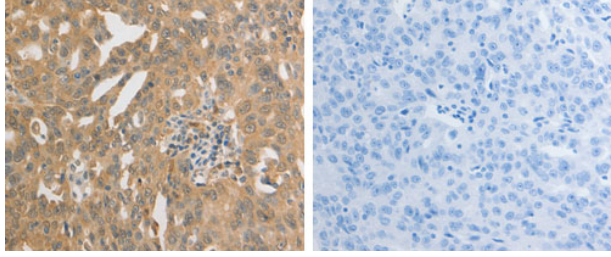
Lane1-9: Mouse liver tissue, Mouse kidney tissue, Human fetal brain tissue, NIH/3T3 cell, RAW264.7 cell, 293T cell, K562 cell, Jurkat cell and Hela cell lysate

Lysates: 40ug per lane

Primary antibody: 1/400 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/5000 dilution

Exposure time: 50 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 31263 (PRDX1 Antibody) at dilution 1/20, on the right is treated with the synthetic peptide.

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