

PRDX5 Rabbit Polyclonal Antibody

Catalog No: #53418

Package Size: #53418-1 50ul #53418-2 100ul

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

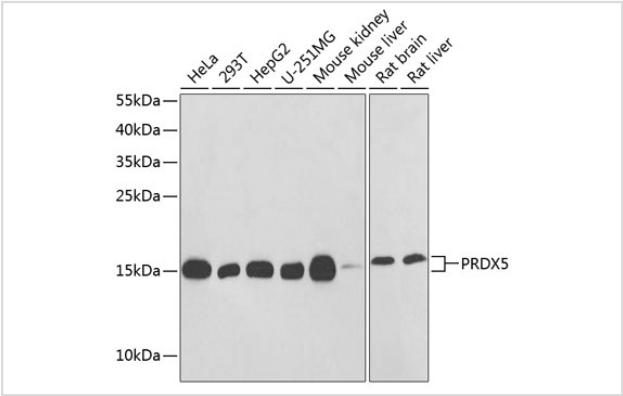
Description

Product Name	PRDX5 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PRDX5 (NP_036226.1).
Other Names	PRDX5;ACR1;AOEB166;B166;HEL-S-55;PLP;PMP20;PRDX6;PRXV;SBB110;prx-V
Accession No.	Swiss Prot:P30044Gene ID:25824
Uniprot	P30044
GeneID	25824
Calculated MW	12kDa/17kDa/22kDa
SDS-PAGE MW	15kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

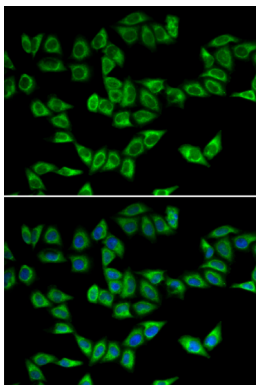
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using PRDX5 antibody.



Immunofluorescence analysis of U2OS cells using PRDX5 antibody.

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 different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene.

Note: This product is for in vitro research use only