Product Datasheet

PRDX5 antibody

Catalog No: #38828

Package Size: #38828-1 50ul #38828-2 100ul

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

Description

Product Name	PRDX5 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PRDX5 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human Peroxiredoxin 5 (Peroxiredoxin 5 (PRDX5)) (NP_036226.1).
Target Name	PRDX5
Other Names	PRDX5;ACR1;AOEB166;B166;HEL-S-55;PLP;PMP20;PRDX6;PRXV;SBBI10;prx-V
Accession No.	Uniprot:P30044GeneID:25824
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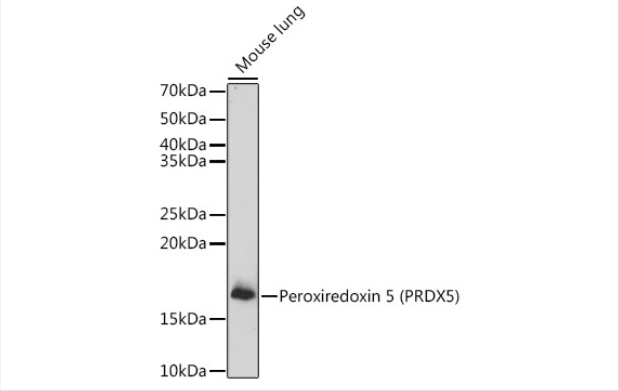
GeneID	25824
SDS-PAGE MW	17KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

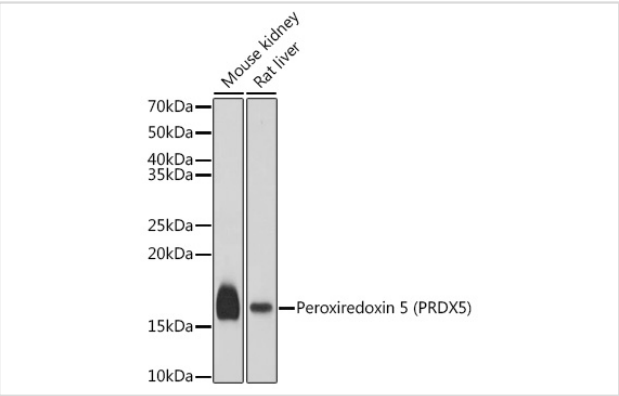
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

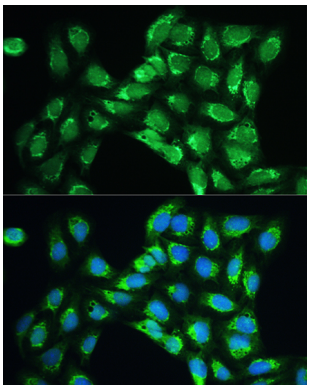
Images



Western blot analysis of extracts of Mouse lung, using Peroxiredoxin 5 (Peroxiredoxin 5 (PRDX5)) antibody.



Western blot analysis of extracts of various cell lines, using Peroxiredoxin 5 (Peroxiredoxin 5 (PRDX5)) antibody.



Immunofluorescence analysis of U2OS cells using Peroxiredoxin 5 (Peroxiredoxin 5 (PRDX5)) Rabbit pAb.

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