

## PRDX6 Antibody

Catalog No: #32561

Package Size: #32561-1 50ul #32561-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

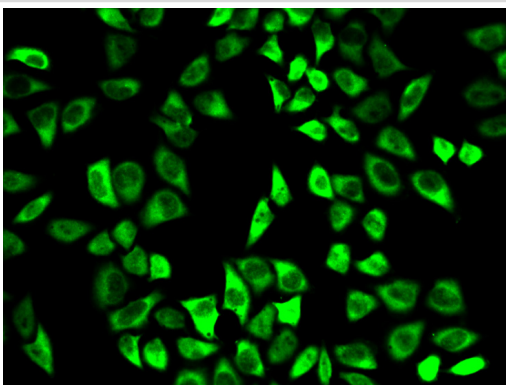
## Description

Product Name	PRDX6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PRDX6 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human Peroxiredoxin 6 (NP_004896.1).
Target Name	PRDX6
Other Names	PRDX6;1-Cys;AOP2;HEL-S-128m;NSGPx;PRX;aiPLA2;p29
Accession No.	Uniprot:P30041GeneID:9588
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GeneID	9588
SDS-PAGE MW	27KDa
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

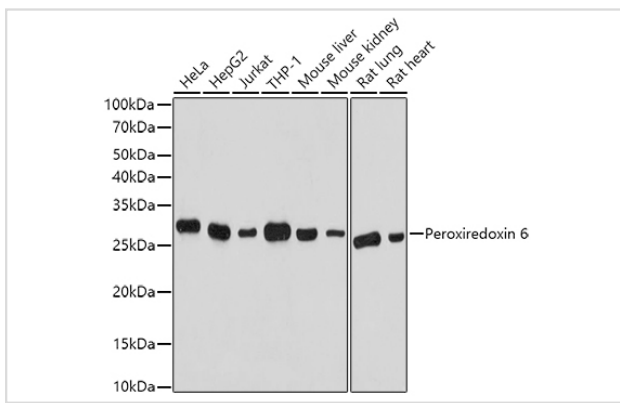
WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

## Images



Immunofluorescence analysis of HeLa cells using Peroxiredoxin 6 antibody.

Western blot analysis of extracts of various cell lines, using Peroxiredoxin 6 antibody.



## Background

The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H<sub>2</sub>O<sub>2</sub> and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.

Note: This product is for in vitro research use only