

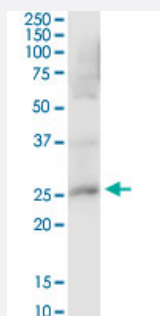
MaxPab®

PRDX4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010549-B01P

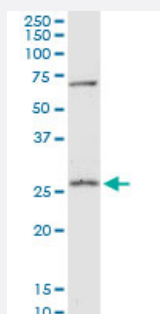
Size 50 ug

Applications



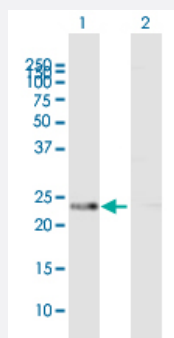
Western Blot (Tissue lysate)

PRDX4 MaxPab polyclonal antibody. Western Blot analysis of PRDX4 expression in human kidney.



Western Blot (Cell lysate)

PRDX4 MaxPab polyclonal antibody. Western Blot analysis of PRDX4 expression in HepG2.

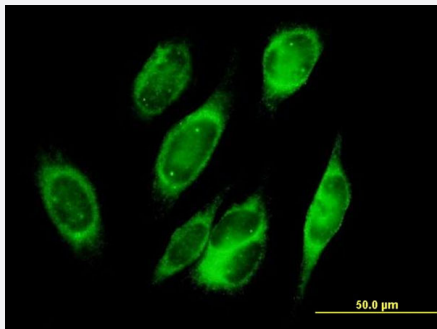


Western Blot (Transfected lysate)

Western Blot analysis of PRDX4 expression in transfected 293T cell line ([H00010549-T01](#)) by PRDX4 MaxPab polyclonal antibody.

Lane 1: PRDX4 transfected lysate(29.81 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PRDX4 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PRDX4 protein.
Immunogen	PRDX4 (NP_006397, 1 a.a. ~ 271 a.a) full-length human protein.
Sequence	MEALPLLAATTPDHGRHRRLLLLPLLLFLLPAGAVQGWETEERPRTRREECHFYAGGQVYPGEA SRVSVADHSLHLSKAKISKAPYWEGTAVIDGEFKEKLTDIRGKYLVEFFYPLDFTFVCPTETIAF GDRLEEFRSINTEVVACSVDSQFTHLAWINTPRRQGGLGPIRIPLLSDLTHQISKDYGVYLED SGHT LRGLFIIDDKGILRQITLNDLPVGRSVDETLRLVQAFQYTDKHGEVCPAGWKPGSETIIPDPAGKCLKY FDKLN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PRDX4 MaxPab polyclonal antibody. Western Blot analysis of PRDX4 expression in human kidney.

[Protocol Download](#)

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PRDX4 MaxPab polyclonal antibody. Western Blot analysis of PRDX4 expression in HepG2.

[Protocol Download](#)

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Western Blot analysis of PRDX4 expression in transfected 293T cell line ([H00010549-T01](#)) by PRDX4 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PRDX4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PRDX4

Entrez GeneID [10549](#)

GeneBank Accession# [NM_006406](#)

Protein Accession# [NP_006397](#)

Gene Name PRDX4

Gene Alias AOE37-2, PRX-4

Gene Description peroxiredoxin 4

Omim ID [606506](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB. [provided by RefSeq]

Other Designations OTTHUMP00000023056|thioredoxin peroxidase|thioredoxin peroxidase (antioxidant enzyme)

Disease

- [Alzheimer disease](#)
- [Cognition](#)