

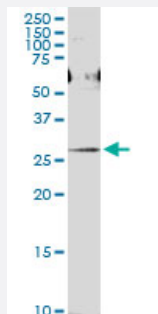
MaxPab®

PRDX4 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00010549-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of PRDX4 transfected lysate using anti-PRDX4 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PRDX4 MaxPab mouse polyclonal antibody (B01) ([H00010549-B01](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PRDX4 protein.
Immunogen	PRDX4 (NP_006397.1, 1 a.a. ~ 271 a.a) full-length human protein.
Sequence	MEALPLLAATTPDHGRHRLLLLPLLLFLLPAGAVQGWETEERPRTREEECHFYAGGQVYPGEA SRVSVADHSLHLSKAKISKAPYWEGTAVIDGEFKEKLTDIRGKYLVFFFYPLDFTFVCPTETIAF GDRLEEFRRSINTEVVACSVDSQFTHLAWINTPRRQGGLGPIRIPLLSDLTHQISKDYGVYLED SGHT LRGLFIIDDKGILRQITLNDLPVGRSVDETLRLVQAFQYTDKHGEVCPAGWKPGSETIIPDPAGKLKY FDKLN
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PRDX4

Entrez GeneID	10549
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GeneBank Accession#	NM_006406
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Protein Accession#	NP_006397.1
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Gene Name	PRDX4
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Gene Alias	AOE37-2, PRX-4
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Gene Description	peroxiredoxin 4
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Omim ID	606506
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Gene Ontology	Hyperlink
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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]
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Other Designations	OTTHUMP00000023056 thioredoxin peroxidase thioredoxin peroxidase (antioxidant enzyme)
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Disease

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