

DNAXPAb

Hard-to-Find
Antibody

PRDX4 DNAXPab

Catalog # H00010549-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PRDX4 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MEALPLLAATTPDHGRHRLLLLPLLLFLLPAGAVQGWETEERPRTREEECHFYAGGQVYPGEA SRVSVADHSLHLSKAKISKPAPYWEGTAVIDGEFKELKLTDIRGKYLVEFFYPLDFTFVCPTETIAF GDRLEEFRRSINTEVVACSVDSQFTHLAWINTPRRQGGLGPIRIPLLSDLTHQISKDYGVYLED SGHT LRGLFIIDDKGILRQITLNDLPVGRSVDETLRLVQAFQYTDKHGEVCPAGWKPGSETIIPDPAGKLKY FDKLN
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PRDX4

Entrez GeneID [10549](#)**GeneBank Accession#** [NM_006406.1](#)**Protein Accession#** [NP_006397.1](#)**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](#)