

DNAXPAb

Hard-to-Find
Antibody

PRDX2 DNAXPAb

Catalog # H00007001-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PRDX2 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MASGNARIGKPAPDFKATAVVDGAFKEVKLS DYKGKYVVLFFYPLDFTFVCPTEIIAFSNRAEDFR KLGCEVLGVSVD SQFTHLAWINTPRKEGGLGPLNIPL LADVTRRLSE DYGV LKTDEG IAYRGLFIID GKGVL RQITVNDLPVGRS VDEALRLVQAFQYTDEHGEVCPAGWKPGSDTIKPNVDDSK EYFSKH N
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 — PRDX2

Entrez GeneID [7001](#)**GeneBank Accession#** [NM_005809.4](#)**Protein Accession#** [NP_005800.3](#)**Gene Name** PRDX2**Gene Alias** MGC4104, NKEFB, PRP, PRX2, PRXII, TDPX1, TSA**Gene Description** peroxiredoxin 2**Omim ID** [600538](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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 cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. The crystal structure of this protein has been resolved to 2.7 angstroms. Transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations natural killer-enhancing factor B|thiol-specific antioxidant 1|thioredoxin peroxidase 1|thioredoxin-dependent peroxide reductase 1|torin

Disease

- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Cognition](#)
- [DNA Damage](#)