

DNAxPAb

Hard-to-Find
Antibody

PRDX6 DNAxPab

Catalog # H00009588-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PRDX6 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPGGLLLGDVAPNFEANTTVGRIRFHDFLGDSWGILFSHPRDFTPVCTTELGRAAKLAPEFAKRN VKLIALSIDSVEDHLAWSKDINAYNCEEPTEKLPFPIDDRNRELAILLGMLDPAEKDEKGMPTAR VVFVFGPDKKLKLSILYPATTGRNFDEILRVVISLQLTAEKRVATPVDWKDGDSVMVLPTIPEEEAK KLFPKGVFTKELPSGKKYLRYPQP
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 — PRDX6

Entrez GeneID [9588](#)

GeneBank Accession# [BC053550](#)

Protein Accession# [AAH53550.1](#)

Gene Name PRDX6

Gene Alias 1-Cys, AOP2, KIAA0106, MGC46173, NSGPx, PRX, aiPLA2, p29

Gene Description peroxiredoxin 6

Omim ID [602316](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 H₂O₂ 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. [provided by RefSeq]

Other Designations 1-Cys peroxiredoxin|OTTHUMP00000032693|acidic calcium-independent phospholipase A2|antioxidant protein 2|non-selenium glutathione peroxidase

Pathway

- [Biosynthesis of phenylpropanoids](#)
- [Metabolic pathways](#)
- [Methane metabolism](#)
- [Phenylalanine metabolism](#)
- [Phenylpropanoid biosynthesis](#)
- [Tropane](#)

Disease

- [Coronary Artery Disease](#)

- [Genetic Predisposition to Disease](#)
- [Obesity](#)