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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

PRDX3 recombinant monoclonal antibody, clone R07-3I3

MGC24293, PRO1748, SP-22

Catalog Number: RAB04473**Regulatory Status:** For research use only (RUO)**Product Description:** Rabbit recombinant monoclonal antibody raised against human PRDX3.**Clone Name:** R07-3I3**Immunogen:** Original antibody is raised against a synthetic peptide corresponding to human PRDX3.**Theoretical MW (kDa):** Calculated MW: 28 kD**Antibody Species:** Rabbit**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Form:** Liquid**Purification:** Affinity chromatography**Isotype:** IgG**Recommend Usage:** Immunocytochemistry

Immunofluorescence (1:50-1:200)

Immunohistochemistry (1:50-1:100)

Immunoprecipitation (1:20)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In 50mM Tris-Glycine, 150mM NaCl, pH 7.4 (40% glycerol, 0.05% BSA and 0.01% Sodium azide)**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.**Entrez GeneID:** 10935**Gene Symbol:** PRDX3**Gene Alias:** AOP-1, AOP1, MER5, MGC104387,

Gene Summary: This gene encodes a protein with antioxidant function and is localized in the mitochondrion. This gene shows significant nucleotide sequence similarity to the gene coding for the C22 subunit of *Salmonella typhimurium* alkylhydroperoxide reductase. Expression of this gene product in *E. coli* deficient in the C22-subunit gene rescued resistance of the bacteria to alkylhydroperoxide. The human and mouse genes are highly conserved, and they map to the regions syntenic between mouse and human chromosomes. Sequence comparisons with recently cloned mammalian homologues suggest that these genes consist of a family that is responsible for regulation of cellular proliferation, differentiation, and antioxidant functions. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]