

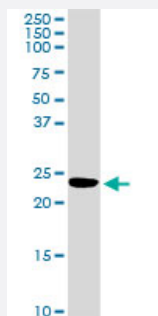
MaxPab®

PRDX5 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00025824-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of PRDX5 transfected lysate using anti-PRDX5 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PRDX5 MaxPab mouse polyclonal antibody (B01) ([H00025824-B01](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PRDX5 protein.
Immunogen	PRDX5 (NP_036226.1, 1 a.a. ~ 214 a.a) full-length human protein.
Sequence	MGLAGVICALRRSAGYILVGGAGGQSAAAAARRCSEGEWASGGVRSFSRAAAAMAPIKVGDAIP AVEVFEGEPGNKVNLAELFKGKKGVLFGVPGAFTPGCSKTHLPGFVEQAEALKAKGVQVVACL SVNDAFVTGEWGRAHKAEGKVRLADPTGAFGKETDLLLDDSLVSIFGNRRRLKRFSMVVQDGV KALNVEPDGTGLTCSLAPNIISQL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (79)
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

Immunoprecipitation of PRDX5 transfected lysate using anti-PRDX5 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PRDX5 MaxPab mouse polyclonal antibody (B01) ([H00025824-B01](#)).

[Protocol Download](#)

Gene Info — PRDX5

Entrez GeneID	25824
GeneBank Accession#	NM_012094.3
Protein Accession#	NP_036226.1
Gene Name	PRDX5
Gene Alias	ACR1, AOEB166, B166, MGC117264, MGC142283, MGC142285, PLP, PMP20, PRDX6, PRX V, SBBI10
Gene Description	peroxiredoxin 5
Omim ID	606583
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 different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	Alu co-repressor 1 TPx type VI antioxidant enzyme B166 liver tissue 2D-page spot 71B peroxisomal antioxidant enzyme thioredoxin peroxidase PMP20

Disease

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- [Alzheimer disease](#)

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