

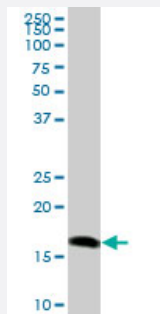
MaxPab®

PRDX5 MaxPab mouse polyclonal antibody (B01)

Catalog # H00025824-B01

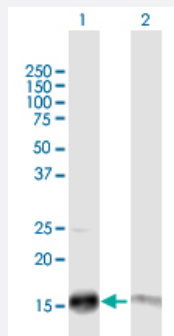
Size 50 uL

Applications



Western Blot (Tissue lysate)

PRDX5 MaxPab polyclonal antibody. Western Blot analysis of PRDX5 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of PRDX5 expression in transfected 293T cell line ([H00025824-T01](#)) by PRDX5 MaxPab polyclonal antibody.

Lane 1: PRDX5 transfected lysate(23.54 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MGLAGVCALRRSAGYILVGGAGGQSAAAAARRCSEGEWASGGVRSFSRAAAAMAPIKVGDAIP AVEVFEGEPGNKVNLAELFKGKGVLFVPGAFTPGCSKTHLPGFVEQAEALKAKGVQVVACL SVNDAFVTGEWGRAHKAEGKVRLADPTGAFGKETDLLLDDSLVSIFGNRRLKRFSMVVQDGV KALNVEPDGTGLTCSLAPNIISQL
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (84); Rat (79)
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Quality Control Testing	Antibody reactive against mammalian transfected lysate.
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Storage Buffer	No additive
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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
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Applications

- Western Blot (Tissue lysate)

PRDX5 MaxPab polyclonal antibody. Western Blot analysis of PRDX5 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PRDX5 expression in transfected 293T cell line ([H00025824-T01](#)) by PRDX5 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — PRDX5

Entrez GeneID	25824
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GeneBank Accession#	NM_012094.3
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Protein Accession#	NP_036226.1
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Gene Name	PRDX5
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Gene Alias	ACR1, AOEB166, B166, MGC117264, MGC142283, MGC142285, PLP, PMP20, PRDX6, PRX V, SBB110
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Gene Description	peroxiredoxin 5
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Omim ID	606583
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Gene Ontology	Hyperlink
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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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- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)