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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54831_P050-Biotin
Product Page	www.avivasysbio.com/prdx5-antibody-middle-region-biotin-arp54831-p050-biotin.html
Name	PRDX5 Antibody - middle region : Biotin (ARP54831_P050-Biotin)
Protein Size (# AA)	162 amino acids
Molecular Weight	17 kDa
Conjugation	Biotin
NCBI Gene Id	25824
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	peroxiredoxin 5
Alias Symbols	PLP, ACRI, B166, PRXV, PMP20, PRDX6, prx-V, SBBI10, AOEB166, HEL-S-55
Peptide Sequence	Synthetic peptide located within the following region: VACLSVNDAEVFTGEGWGRAHKAEQKVRLLADPTGAFGKETDLLLDDSLVSI
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	N/A
Description of Target	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.
Protein Interactions	UBC; MDM2; WWOX; ATF2; PEX5; TOMM40; PRDX6; STAM; SUMO1; UBE2B; UBE2A; PRDX2; VAMP2; SOD1; RPS12; RAD23B; PTMS; PRDX1; MDH1; IGBP1; APP; ZFYVE19; PSRC1; GINS4; UBAP2; PTPN23; PTGR1; PARK7; IFT27; SEC24A; SSSCA1; ICT1; BABAM1; CCDC90B;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PRDX5 (ARP54831_P050-Biotin) antibody
Blocking Peptide	For anti-PRDX5 (ARP54831_P050-Biotin) antibody is Catalog # AAP54831
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human PRDX5
Uniprot ID	P30044-2
Protein Name	Peroxiredoxin-5, mitochondrial
Purification	Affinity purified
Gene Symbol	PRDX5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 100%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rat: 100%; Sheep: 86%; Zebrafish: 83%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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