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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53848_P050-Biotin
Product Page	www.avivasysbio.com/paox-antibody-middle-region-biotin-arp53848-p050-biotin.html
Name	PAOX Antibody - middle region : Biotin (ARP53848_P050-Biotin)
Protein Size (# AA)	486 amino acids
Molecular Weight	53kDa
Conjugation	Biotin
NCBI Gene Id	196743
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Polyamine oxidase (exo-N4-amino)
Alias Symbols	PAO
Peptide Sequence	Synthetic peptide located within the following region: RGSVGMEGGRPPQSVGPAGAAAQAQALAGPSLLCSTRVGGRLGPSFLL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Jarvinen,A., (2006) J. Biol. Chem. 281 (8), 4589-4595
Description of Target	PAOX belongs to the flavin monoamine oxidase family. PAOX is a flavoenzyme which catalyzes the oxidation of N(1)-acetylspermine to spermidine and is thus involved in the polyamine back-conversion. It can also oxidize N(1)-acetylspermidine to putrescine. PAOX does not oxidize spermidine. It plays an important role in the regulation of polyamine intracellular concentration and has the potential to act as a determinant of cellular sensitivity to the antitumor polyamine analogs.
Protein Interactions	PEX5;
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-PAOX (ARP53848_P050-Biotin) antibody
Blocking Peptide	For anti-PAOX (ARP53848_P050-Biotin) antibody is Catalog # AAP53848 (Previous Catalog # AAPP32980)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PAOX
Uniprot ID	Q6QHF9-4
Protein Name	Peroxisomal N(1)-acetyl-spermine/spermidine oxidase
Protein Accession #	NP_997011
Purification	Affinity Purified
Nucleotide Accession #	NM_207128
Gene Symbol	PAOX
Predicted Species Reactivity	Human
Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 100%

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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