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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53830_P050-FITC
Product Page	www.avivasysbio.com/paox-antibody-c-terminal-region-fitc-arp53830-p050-fitc.html
Name	PAOX Antibody - C-terminal region : FITC (ARP53830_P050-FITC)
Protein Size (# AA)	511 amino acids
Molecular Weight	56kDa
Conjugation	FITC: Fluorescein Isothiocyanate
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: VGSTGGDLDLAQLPADGAGAQLQLFAGEATHRTFYSTTHGALLSGWRE
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 (ARP53830_P050-FITC) antibody
Blocking Peptide	For anti-PAOX (ARP53830_P050-FITC) antibody is Catalog # AAP53830 (Previous Catalog # AAP30670)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PAOX
Uniprot ID	Q5VWY0
Protein Name	Peroxisomal N(1)-acetyl-spermine/spermidine oxidase
Protein Accession #	NP_690875
Purification	Affinity Purified
Nucleotide Accession #	NM_152911
Gene Symbol	PAOX
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%; Zebrafish: 92%

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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