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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	ARP55716_P050-FITC
Product Page	www.avivasysbio.com/cox18-antibody-middle-region-fitc-arp55716-p050-fitc.html
Name	COX18 Antibody - middle region : FITC (ARP55716_P050-FITC)
Protein Size (# AA)	333 amino acids
Molecular Weight	37kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	285521
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	COX18 cytochrome c oxidase assembly homolog (S. cerevisiae)
Alias Symbols	COX18HS
Peptide Sequence	Synthetic peptide located within the following region: LCSSFVGLSQNLLLRSPGFRQLCRIPSTKSDSETPYKDFIAAFNTKFISR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Gaisne,M. (2006) FEMS Yeast Res. 6 (6), 869-882
Description of Target	COX18 is required for the insertion of integral membrane proteins into the mitochondrial inner membrane. COX18 is essential for the activity and assembly of cytochrome c oxidase. COX18 plays a central role in the translocation and export of the C-terminal part of the COX2 protein into the mitochondrial intermembrane space. COX18 encodes a cytochrome c oxidase (COX)-assembly protein. The S. cerevisiae Cox18 protein catalyzes the insertion of the Cox2 (MTCO2; MIM 516040) C-terminal tail into the mitochondrial inner membrane, an intermediate step in the assembly of complex IV of the mitochondrial respiratory chain (Sacconi et al., 2005 [PubMed 16212937]). [supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1248 AY957565.1 1-1248 1249-4523 AC095053.3 75071-78345 c
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-COX18 (ARP55716_P050-FITC) antibody
Blocking Peptide	For anti-COX18 (ARP55716_P050-FITC) antibody is Catalog# AAP55716 (Previous Catalog# AAPP36416)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human COX18
Uniprot ID	Q8N8Q8
Protein Name	Mitochondrial inner membrane protein COX18
Protein Accession #	NP_776188
Purification	Affinity Purified
Nucleotide Accession #	NM_173827
Gene Symbol	COX18
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 79%; Horse: 86%; Human: 100%; Mouse: 85%; Pig: 86%; Rabbit: 86%; Rat: 93%

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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