



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

<b>Product Number</b>	ARP55715_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/cox18-antibody-middle-region-hrp-arp55715-p050-hrp.html">www.avivasysbio.com/cox18-antibody-middle-region-hrp-arp55715-p050-hrp.html</a>
<b>Name</b>	COX18 Antibody - middle region : HRP (ARP55715_P050-HRP)
<b>Protein Size (# AA)</b>	333 amino acids
<b>Molecular Weight</b>	37kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	285521
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	COX18 cytochrome c oxidase assembly homolog (S. cerevisiae)
<b>Alias Symbols</b>	COX18HS
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">LVWVQLPMWIFMSFALRNLSGTGAHSEGFVQEQQLATGGILWFPDLTAPD</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Description of Target</b>	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.
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-COX18 (ARP55715_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-COX18 (ARP55715_P050-HRP) antibody is <a href="#">Catalog # AAP55715</a> (Previous Catalog # AAPP44440)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human COX18
<b>Uniprot ID</b>	<a href="#">Q8N8Q8</a>
<b>Protein Name</b>	Mitochondrial inner membrane protein COX18
<b>Protein Accession #</b>	<a href="#">NP_776188</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_173827</a>
<b>Gene Symbol</b>	<a href="#">COX18</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 79%; 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.

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)