



# 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

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<b>Product Number</b>	ARP54780_P050-Biotin
<b>Product Page</b>	<a href="http://www.avivasysbio.com/lox1-antibody-n-terminal-region-biotin-arp54780-p050-biotin.html">www.avivasysbio.com/lox1-antibody-n-terminal-region-biotin-arp54780-p050-biotin.html</a>
<b>Name</b>	LOXL1 Antibody - N-terminal region : Biotin (ARP54780_P050-Biotin)
<b>Protein Size (# AA)</b>	574 amino acids
<b>Molecular Weight</b>	53kDa
<b>Conjugation</b>	Biotin
<b>NCBI Gene Id</b>	4016
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Lysyl oxidase-like 1
<b>Alias Symbols</b>	LOL, LOXL
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">RWRQLIQWENNGQVYSLNSGSEYVPAGPQRSESSSRVLLAGAPQAQORR</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Reference</b>	Ozaki, M., (et) Invest. Ophthalmol. Vis. Sci. (2008) In press
<b>Description of Target</b>	LOXL1 is a member of the lysyl oxidase family. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. A highly conserved amino acid sequence at the C-terminus end appears to be sufficient for amine oxidase activity, suggesting that each family member may retain this function. The N-terminus is poorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family. This gene encodes a member of the lysyl oxidase gene family. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. A highly conserved amino acid sequence at the C-terminus end appears to be sufficient for amine oxidase activity, suggesting that each family member may retain this function. The N-terminus is poorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
<b>Protein Interactions</b>	ATXN1; CUL2; FBLN5; ELN;
<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-LOXL1 (ARP54780_P050-Biotin) antibody</a>
<b>Blocking Peptide</b>	For anti-LOXL1 (ARP54780_P050-Biotin) antibody is <a href="#">Catalog # AAP54780</a> (Previous Catalog # AAPP31575)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human LOXL1
<b>Uniprot ID</b>	<a href="#">Q08397</a>
<b>Protein Name</b>	Lysyl oxidase homolog 1
<b>Publications</b>	Ohmura, H. et al. Cardiomyocyte-specific transgenic expression of lysyl oxidase-like protein-1 induces cardiac hypertrophy in mice. Hypertens. Res. 35, 1063-8 (2012). <b>WB, Pig, Rat, Guinea pig, Human, Mouse, Horse, Rabbit, Bovine</b> <a href="#">22763477</a>
<b>Protein Accession #</b>	<a href="#">NP_005567</a>

<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_005576</a>
<b>Gene Symbol</b>	<a href="#">LOXL1</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 83%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%
<b>Image 1</b>	

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

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