



# 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

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Product Number	ARP54781_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/loxl1-antibody-middle-region-hrp-arp54781-p050-hrp.html">www.avivasysbio.com/loxl1-antibody-middle-region-hrp-arp54781-p050-hrp.html</a>
Name	LOXL1 Antibody - middle region : HRP (ARP54781_P050-HRP)
Protein Size (# AA)	574 amino acids
Molecular Weight	53kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	4016
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Lysyl oxidase-like 1
Alias Symbols	LOL, LOXL
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">YRPNQNGRGLPDLVPDPNYVQASTYVQRAHLYSLRCAAEEKCLASTAYAP</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Ozaki, M., (et) Invest. Ophthalmol. Vis. Sci. (2008) In press
Description of Target	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.
Protein Interactions	ATXN1; CUL2; FBLN5; ELN;
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 <a href="#">anti-LOXL1 (ARP54781_P050-HRP) antibody</a>
Blocking Peptide	For anti-LOXL1 (ARP54781_P050-HRP) antibody is <a href="#">Catalog# AAP54781</a> (Previous Catalog# AAPP31576)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LOXL1
Uniprot ID	<a href="#">Q08397</a>
Protein Name	Lysyl oxidase homolog 1
Protein Accession #	<a href="#">NP_005567</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_005576</a>
Gene Symbol	<a href="#">LOXL1</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 86%; Rat: 100%; Zebrafish: 79%
<b>Image 1</b>	

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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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