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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

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

www.szabo-scandic.com

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

Product Number	ARP54781_P050-Biotin
Product Page	www.avivasysbio.com/loxl1-antibody-middle-region-biotin-arp54781-p050-biotin.html
Name	LOXL1 Antibody - middle region : Biotin (ARP54781_P050-Biotin)
Protein Size (# AA)	574 amino acids
Molecular Weight	53kDa
Conjugation	Biotin
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: YRPNQNGRGLPDLVPDPNYVQASTYVQRAHLYSLRCAAEEKCLASTAYAP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Ozaki,M., (er) 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 anti-LOXL1 (ARP54781_P050-Biotin) antibody
Blocking Peptide	For anti-LOXL1 (ARP54781_P050-Biotin) antibody is Catalog # AAP54781 (Previous Catalog # AAPP31576)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LOXL1
Uniprot ID	Q08397
Protein Name	Lysyl oxidase homolog 1
Protein Accession #	NP_005567
Purification	Affinity Purified
Nucleotide Accession #	NM_005576
Gene Symbol	LOXL1

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 86%; Rat: 100%; Zebrafish: 79%
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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com