

LOXL1 rabbit monoclonal antibody

Catalog # H00004016-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LOXL1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LOXL1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LOXL1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LOXL1

Entrez GeneID [4016](#)

GeneBank Accession# [LOXL1](#)

Gene Name LOXL1

Gene Alias LOL, LOXL

Gene Description lysyl oxidase-like 1

Omim ID [153456 177650](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations lysyl oxidase homolog 1

Disease

- [Aneurysm](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cataract](#)
- [Exfoliation Syndrome](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)

- [Intracranial Aneurysm](#)
- [Low Tension Glaucoma](#)
- [Pigmentation Disorders](#)
- [Premature Birth](#)
- [Tobacco Use Disorder](#)
- [Ventricular Dysfunction](#)