# LOXL3 polyclonal antibody (A01)

Catalog # H00084695-A01 Size 50 uL

## Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification	
Product Description	Mouse polyclonal antibody raised against a partial recombinant LOXL3.
Immunogen	LOXL3 (NP_115992, 171 a.a. ~ 270 a.a) partial recombinant protein with GST tag.
Sequence	IRPAVGWGRRPLPVTEGLVEVRLPDGWSQVCDKGWSAHNSHVVCGMLGFPSEKRVNAAFYRL LAQRQQHSFGLHGVACVGTEAHLSLCSLEFYRANDTAR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa).
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

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• Western Blot (Recombinant protein)

Protocol Download

• ELISA

#### Gene Info — LOXL3

Entrez GenelD	84695
GeneBank Accession#	<u>NM_032603</u>
Protein Accession#	<u>NP_115992</u>
Gene Name	LOXL3
Gene Alias	LOXL
Gene Description	lysyl oxidase-like 3
Omim ID	<u>607163</u>
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the lysyl oxidase gene family. The prototypic member of the famil y 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 p oorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family. Alternatively splic ed transcript variants of this gene have been reported but their full-length nature has not been dete rmined. [provided by RefSeq
Other Designations	lysyl oxidase homolog 3

#### **Publication Reference**

• LOX family enzymes expression in vaginal tissue of premenopausal women with severe pelvic organ prolapse.

Alarab M, Bortolini MA, Drutz H, Lye S, Shynlova O.

International Urogynecology Journal 2010 Nov; 21(11):1397.

Application: IHC, Human, Human vaginal specimens



### Disease

- Genetic Predisposition to Disease
- Intracranial Aneurysm