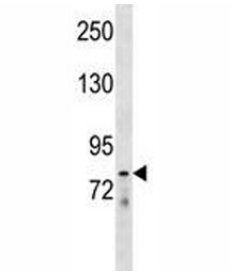
# LOXL4 Antibody (F45468)

| Catalog No. | Formulation | Size |
|---|---|---|
| F45468-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F45468-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | Q96JB6 |
| **Applications** | Western blot: 1:1000 |
| **Limitations** | This LOXL4 antibody is available for research use only. |




LOXL4 antibody western blot analysis in mouse liver tissue lysate.

## Description

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.

## Application Notes

Titration of the LOXL4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 575-603 from the human protein was used as the immunogen for this LOXL4 antibody.

## Storage

Aliquot the LOXL4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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