

Datasheet for ABIN633885  
**anti-LOXL1 antibody (N-Term)**



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1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | LOXL1                                |
| Binding Specificity: | N-Term                               |
| Reactivity:          | Human, Mouse, Rat                    |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This LOXL1 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | LOXL1 antibody was raised using the N terminal of LOXL1 corresponding to a region with amino acids RWRQLIQWENNGQVYSLLNSGSEYVPAGPQRSESSSRVLLAGAPQAQRR |
| Specificity:  | LOXL1 antibody was raised against the N terminal of LOXL1  |
| Purification: | Affinity purified  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | LOXL1   |
| Alternative Name: | LOXL1 ( <a href="#">LOXL1 Products</a> )  |
| Background:       | 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 |

## Target Details

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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.

Molecular Weight: 53 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: LOXL1 Blocking Peptide, catalog no. 33R-8268, is also available for use as a blocking control in assays to test for specificity of this LOXL1 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of LOXL1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** LOXL1 antibody used at 1 ug/ml to detect target protein.