

**Product Name: LOXL2 Rabbit Monoclonal Antibody****Catalog #: AMRe87573**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:87 kDa; Observed MW:100 kDa

**Antigen Information**

<b>Gene Name</b>	LOXL2
<b>Alternative Names</b>	LOR; LOR2; WS9-14
<b>Gene ID</b>	4017
<b>SwissProt ID</b>	Q9Y4K0
<b>Immunogen</b>	Recombinant protein of human LOXL2

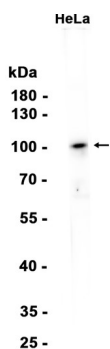
**Background**

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, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from HeLa cells using LOXL2 Rabbit Monoclonal Antibody at 1:1000.