

#### Datasheet for ABIN633885

# anti-LOXL1 antibody (N-Term)





#### Overview

100 μL
LOXL1
N-Term
Human, Mouse, Rat
Rabbit
Polyclonal
This LOXL1 antibody is un-conjugated
Western Blotting (WB)
LOXL1 antibody was raised using the N terminal of LOXL1 corresponding to a region with
amino acids RWRQLIQWENNGQVYSLLNSGSEYVPAGPQRSESSSRVLLAGAPQAQQRR
LOXL1 antibody was raised against the N terminal of LOXL1
Affinity purified
LOXL1
LOXL1 (LOXL1 Products)
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**

highly conserved amino acid sequence at the C-terminus end appears to be sufficient for a	amine
oxidase activity, suggesting that each family member may retain this function. The N-term	inus
is poorly conserved and may impart additional roles in developmental regulation, senescer	nce,
tumor suppression, cell growth control, and chemotaxis to each member of the family.	
53 kDa (MW of target protein)	

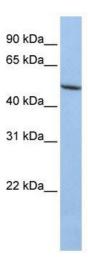
## **Application Details**

Molecular Weight:

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

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.