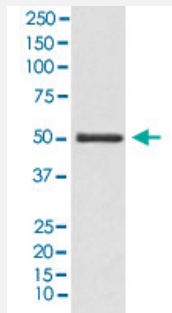


# LOXL2 monoclonal antibody, clone ADBD-12

Catalog # MAB22222 Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of MCF-7 cell lysate.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human LOXL2.
<b>Immunogen</b>	A synthetic peptide corresponding to human LOXL2.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	The antibody reacts with human LOXL2, in native form and recombinant. Superfamily members of LOXL2 are not reactive to this antibody.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of MCF-7 cell lysate.

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

## Gene Info — LOXL2

Entrez GeneID	<a href="#">4017</a>
Protein Accession#	<a href="#">Q9Y4K0</a>
Gene Name	LOXL2
Gene Alias	LOR2, WS9-14
Gene Description	lysyl oxidase-like 2
Omim ID	<a href="#">606663</a>
Gene Ontology	<a href="#">Hyperlink</a>

Gene Summary	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]
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Other Designations	lysyl oxidase homolog 2 lysyl oxidase related 2
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## Disease

- [Genetic Predisposition to Disease](#)
- [Intracranial Aneurysm](#)
- [Long QT syndrome](#)
- [Torsades de Pointes](#)