

RecomAb™

LOXL2 recombinant monoclonal antibody, clone R09-7J5

Catalog # RAB02129 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LOXL2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human LOXL2.
Theoretical MW (kDa)	Calculated MW: 87 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	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

Gene Info — LOXL2

Entrez GeneID	4017
Protein Accession#	Q9Y4K0
Gene Name	LOXL2
Gene Alias	LOR2, WS9-14
Gene Description	lysyl oxidase-like 2
Omim ID	606663
Gene Ontology	Hyperlink
Gene Summary	<p>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]</p>
Other Designations	lysyl oxidase homolog 2 lysyl oxidase related 2

Disease

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