LOXL2 Polyclonal Antibody

catalog number: **E-AB-90916**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

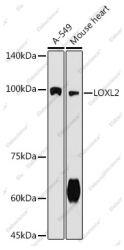
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human LOXL2
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications — Recommended Dilution

WB	1:500-1:2000

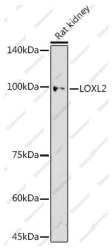
Data



Western blot analysis of extracts of various cell lines using LOXL2 Polyclonal Antibody at 1:500 dilution.

Observed-MW:100 kDa

Calculated-MW:86 kDa



Western blot analysis of extracts of Rat kidney using LOXL2 Polyclonal Antibody at 1:500 dilution.

Observed-MW:100 kDa

Calculated-MW:86 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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