

Recombinant LOX Monoclonal Antibody

catalog number: **AN301157L**

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

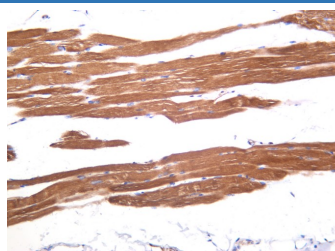
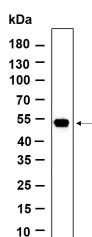
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human LOX protein
Host	Rabbit
Isotype	IgG, κ
Clone	B916
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC	1:200-1:1000
WB	1:2000-1:10000

Data



Western Blot with Recombinant LOX Monoclonal Antibody at Immunohistochemistry of paraffin-embedded human muscle dilution of 1:1000 dilution. Lane A: Jurkat lysate. using Recombinant LOX Monoclonal Antibody at dilution of 1:200.

Observed-MW:54 kDa
Calculated-MW:47 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is an extracellular copper enzyme that initiates the crosslinking of collagens and elastin. The enzyme catalyzes oxidative deamination of the epsilon-amino group in certain lysine and hydroxylysine residues of collagens and lysine residues of elastin. In addition to crosslinking extracellular matrix proteins, the encoded protein may have a role in tumor suppression. Defects in this gene are a cause of autosomal recessive cutis laxa type I (CL type I). Two transcript variants encoding different isoforms have been found for this gene.

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Rev. V1.1