

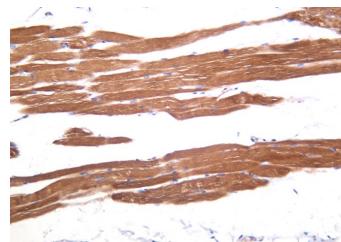
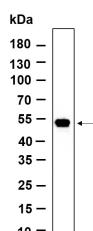
## Recombinant LOX Monoclonal Antibody

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,k
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
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

### 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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