9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 10-6588: Mouse Monoclonal Antibody to LOX (Center)(Clone: 624CT23.7.3)(Discontinued)

| | |
|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | 624CT23.7.3 |
| **Application :** | WB |
| **Reactivity :** | Human |
| **Gene :** | LOX |
| **Gene ID :** | 4015 |
| **Uniprot ID :** | P28300 |
| **Format :** | Purified |
| **Alternative Name :** | Protein-lysine 6-oxidase, Lysyl oxidase, LOX |
| **Isotype :** | Mouse IgG2b |
| **Immunogen Information :** | Synthetic Peptide |

## Description

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.

## Product Info

| | |
|---|---|
| **Amount :** | 80 µl / 400 µl |
| **Purification :** | Protein G Chromatography |
| **Content :** | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| **Storage condition :** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles. |

## Application Note

WB~1:100~500

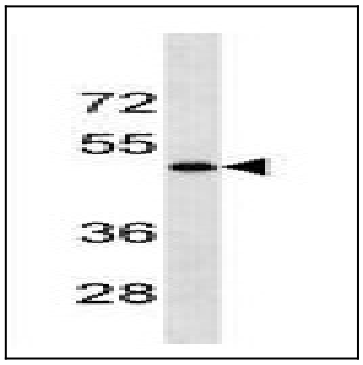



Figure 1: Western blot analysis of LOX Antibody (10-6588) in MDA-MB231 cell line lysates (35Î¼g/lane). This demonstrates the LOX antibody detected the LOX protein.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***