

Datasheet for ABIN7166424  
**anti-LOX antibody (AA 174-417)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	LOX
Binding Specificity:	AA 174-417
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LOX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Protein-lysine 6-oxidase protein (174-417AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	LOX
Alternative Name:	LOX ( <a href="#">LOX Products</a> )
Background:	Background: Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin (PubMed:26838787). Regulator of Ras

## Target Details

expression. May play a role in tumor suppression. Plays a role in the aortic wall architecture (By similarity).

Aliases: lox antibody, LYOX antibody, LYOX\_HUMAN antibody, Lysyl oxidase antibody, MGC105112 antibody, Protein lysine 6 oxidase antibody, Protein-lysine 6-oxidase antibody

UniProt: [P28300](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

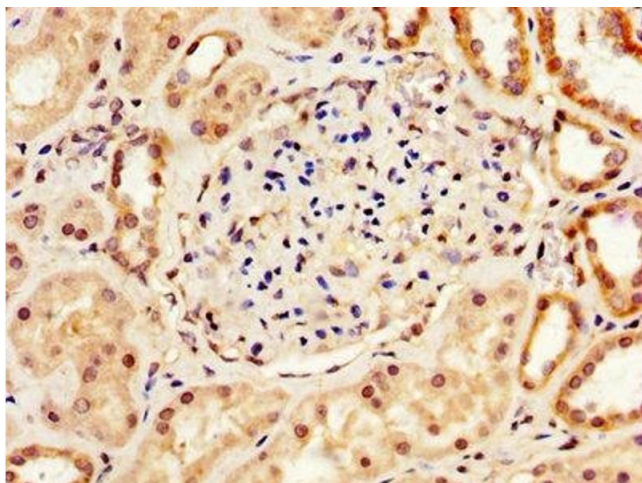
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

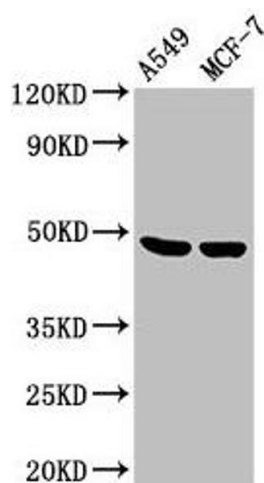
## Images



### Immunohistochemistry

**Image 1.** IHC image of ABIN7166424 diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and

visualized using an HRP conjugated SP system.



#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: A549 whole cell lysate, MCF-7 whole cell lysate All lanes: LOX antibody at 3.6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa