

Datasheet for ABIN7166428
anti-LOX antibody (AA 23-285)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	LOX
Binding Specificity:	AA 23-285
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 (23-285AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	LOX
Alternative Name:	LOX (LOX Products)
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:1:1000-1:5000, 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

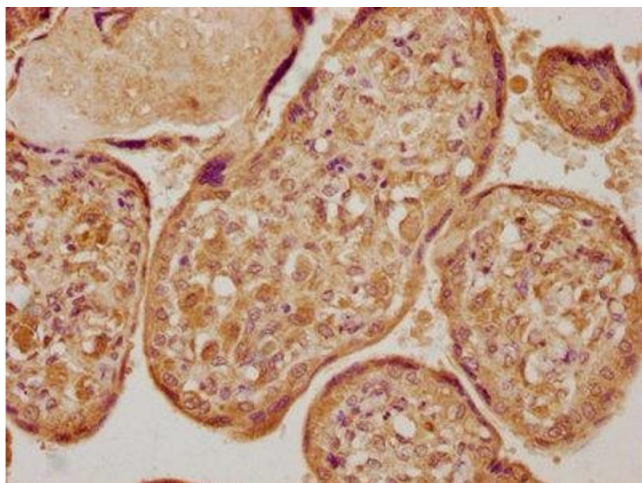
Preservative: ProClin

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

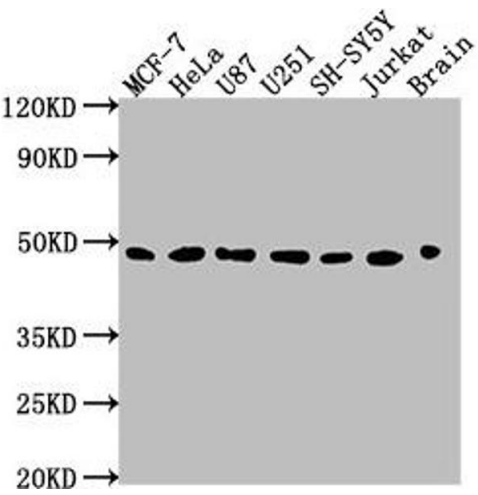
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. IHC image of ABIN7166428 diluted at 1:400 and staining in paraffin-embedded human placenta 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 30 min 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: MCF-7 whole cell lysate, HeLa whole cell lysate, U87 whole cell lysate, U251 whole cell lysate, SH-SY5Y whole cell lysate, Jurkat whole cell lysate, Rat brain tissue All lanes: LOX antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa