



Datasheet for ABIN5539554
anti-LOX antibody (Internal Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	LOX
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This LOX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	lysyl oxidase
Sequence:	STAYRADVRD YDHR
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_002308.2, NP_001171573.1).
Cross-Reactivity:	Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

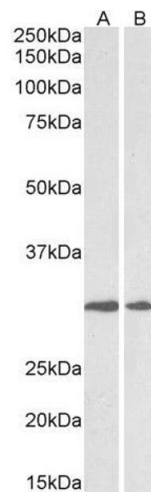
Target:	LOX
Alternative Name:	LOX (LOX Products)
Background:	LOX, lysyl oxidase, protein-lysine 6-oxidase
Gene ID:	4015
NCBI Accession:	NP_002308 , NP_001171573
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western Blot: Approx 30-33 kDa band observed in Human Heart and Human Placenta lysates (calculated MW of 46.9 kDa according to NP_002308.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Kuivaniemi e Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN5539554 (0.5 μ g/ml) staining of Human Heart (A) and Placenta (B) lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.