

Datasheet for ABIN7435019
anti-LOX antibody (AA 207-411)

3 Images

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Overview

Quantity:	100 µL
Target:	LOX
Binding Specificity:	AA 207-411
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LOX antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Lysyl Oxidase (LOX)
Immunogen:	Recombinant Lysyl Oxidase (LOX) corresponding to Pro207~Tyr411 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LOX. It has been selected for its ability to recognize LOX in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

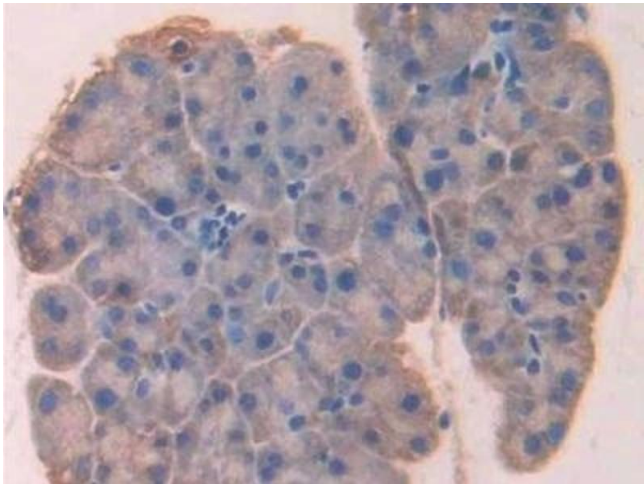
Target:	LOX
Alternative Name:	Lysyl Oxidase (LOX Products)
Background:	Protein-Lysine 6-Oxidase
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:350-1400 Immunohistochemistry: 5-20 µg/mL 1:35-140 Immunocytochemistry: 5-20 µg/mL 1:35-140 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

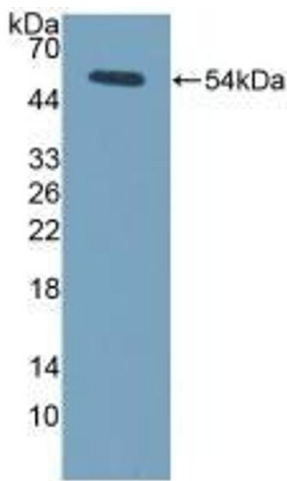
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



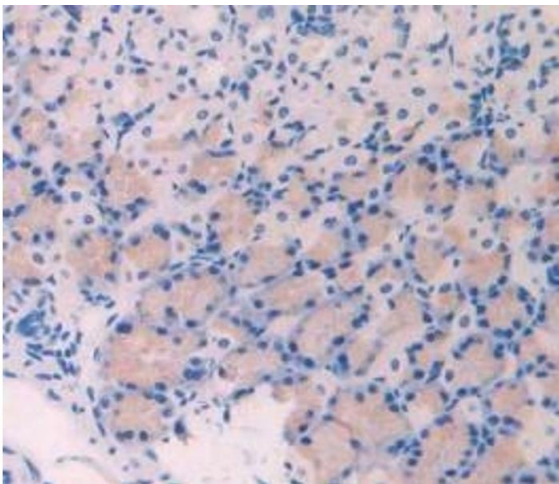
Immunohistochemistry

Image 1. Detection of LOX in Mouse Pancreas Tissue using Polyclonal Antibody to Lysyl Oxidase (LOX)



Western Blotting

Image 2. Detection of Recombinant LOX, Mouse using Polyclonal Antibody to Lysyl Oxidase (LOX)



Immunohistochemistry

Image 3. Detection of LOX in Mouse Stomach Tissue using Polyclonal Antibody to Lysyl Oxidase (LOX)