

LOX Rabbit mAb

Catalog No.: A11504 Recombinant 7 Publications

Basic Information

Observed MW

56kDa

Calculated MW

47kDa

Category

Primary antibody

Applications

WB,IHC-P,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

Clone/No number

ARC0624

Background

This gene encodes a member of the lysyl oxidase family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preprotein that is proteolytically processed to generate a regulatory propeptide and the mature enzyme. The copper-dependent amine oxidase activity of this enzyme functions in the crosslinking of collagens and elastin, while the propeptide may play a role in tumor suppression. In addition, defects in this gene have been linked with predisposition to thoracic aortic aneurysms and dissections.

Recommended Dilutions

WB	1:1000 - 1:6000
IHC-P	1:200 - 1:2000
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Immunogen Information

Gene ID

4015

Swiss Prot

P28300

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

AAT10; LOX

Product Information

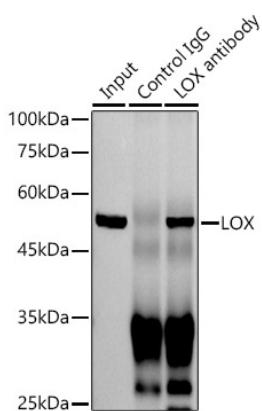
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

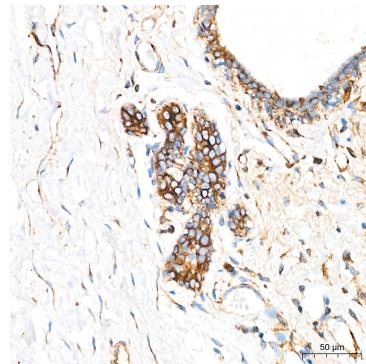
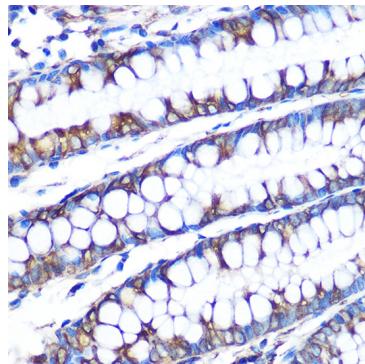
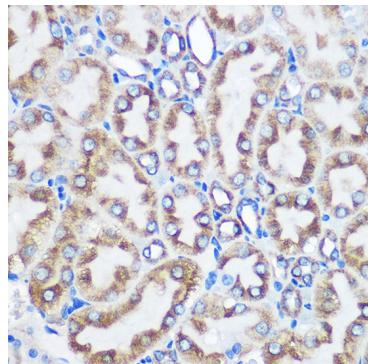
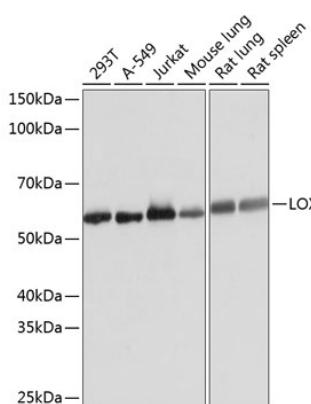
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

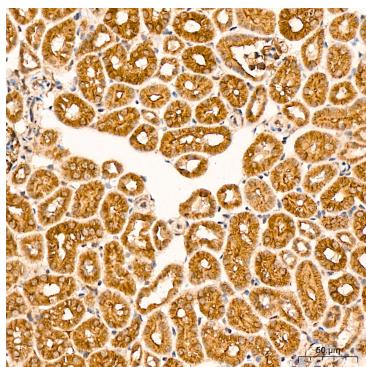
Validation Data



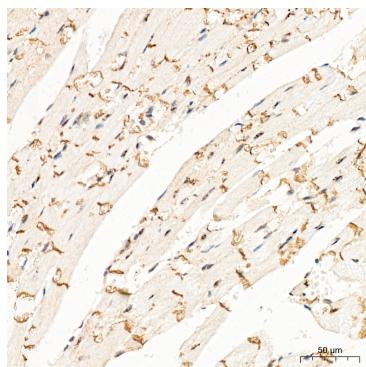
Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg LOX antibody (A11504). Western blot was performed from the immunoprecipitate using LOX antibody (A11504) at a dilution of 1:1000.



Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using LOX Rabbit mAb (A11504) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using LOX Rabbit mAb (A11504) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.