

LOX Antibody
Rabbit mAb
Catalog # AP91294

Specification

LOX Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	P28300
Reactivity	Rat
Clonality	Monoclonal
Other Names	
lox; LYOX; Lysyl oxidase; Protein lysine 6 oxidase;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	46944 Da

LOX Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human LOX
Description	Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin. In addition to cross-linking of extracellular matrix proteins, may have a direct role in tumor suppression.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

LOX Antibody - Protein Information

Name LOX

Function

Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin (PubMed:26838787). Regulator of Ras expression. May play a role in tumor suppression. Plays a role in the aortic wall architecture (By similarity).

Cellular Location

Secreted. Secreted, extracellular space

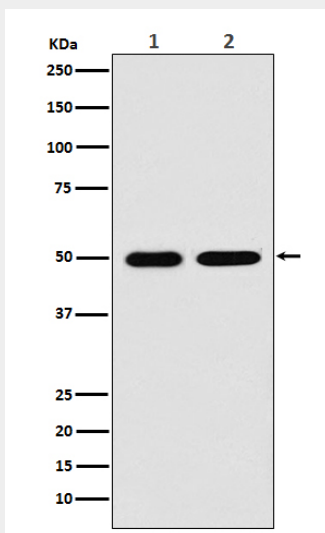
Tissue Location

Heart, placenta, skeletal muscle, kidney, lung and pancreas.

LOX Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LOX Antibody - Images

Western blot analysis of LOX expression in (1) Jurkat cell lysate; (2) Mouse brain lysate.