

Product Name: LOX (2U4) Rabbit Monoclonal Antibody
Catalog #: AMRe13374



Summary

Production Name	LOX (2U4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC,IP,IF-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	LOX
Alternative Names	lox; LYOX; Lysyl oxidase; Protein lysine 6 oxidase;
Gene ID	4015.0
SwissProt ID	P28300.

Application

Dilution Ratio	WB 1:1000-1:5000, IHC-P/IF-P 1:100, ICC/IF 1:100, FCM 1:20, IP 1:20
Molecular Weight	47kDa

Background

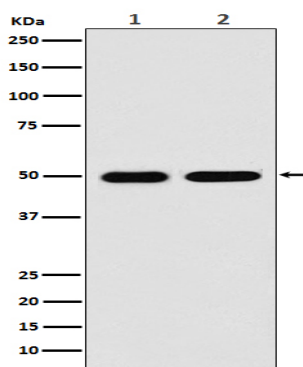
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Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin. In addition to cross-linking of extracellular matrix proteins, may have a direct role in tumor suppression. Responsible 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).

Research Area

Image Data



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

Note

For research use only.