

# Goat anti-lysyl oxidase Antibody

Peptide-affinity purified goat antibody

Catalog # AF4413a

## Product Information

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<b>Application</b>	WB, Pep-ELISA
<b>Primary Accession</b>	<a href="#">P28300</a>
<b>Other Accession</b>	<a href="#">NP_002308.2</a> , <a href="#">NP_001171573.1</a>
<b>Reactivity</b>	Human, Pig
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	LOX
<b>Calculated MW</b>	46944

## Additional Information

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<b>Gene ID</b>	4015
<b>Other Names</b>	LOX; lysyl oxidase; protein-lysine 6-oxidase
<b>Dilution</b>	WB~~1:1000 Pep-ELISA~~N/A
<b>Format</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Immunogen</b>	This antibody is expected to recognize both reported isoforms (NP_002308.2; NP_001171573.1).
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Goat anti-lysyl oxidase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	LOX
<b>Function</b>	Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin (PubMed: <a href="#">26838787</a> ). Regulator of Ras expression. May play a role in tumor suppression. Plays a role in the aortic wall architecture (By similarity).
<b>Cellular Location</b>	Secreted. Secreted, extracellular space

**Tissue Location**

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.