

**Goat anti-lysyl oxidase Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4413a

**Specification**

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**Goat anti-lysyl oxidase Antibody - Product Information**

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

**Goat anti-lysyl oxidase Antibody - Additional Information**

**Gene ID** 4015

**Other Names**

LOX; lysyl oxidase; protein-lysine 6-oxidase

**Format**

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.

**Immunogen**

This antibody is expected to recognize both reported isoforms (NP\_002308.2; NP\_001171573.1).

**Storage**

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.

**Precautions**

Goat anti-lysyl oxidase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-lysyl oxidase 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:<a href="http://www.uniprot.org/citations/26838787" target="\_blank">26838787</a>). 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.

**Goat anti-lysyl oxidase 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](#)

**Goat anti-lysyl oxidase Antibody - Images**