

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

Goat anti-lysyl oxidase Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	P28300
Other Accession	NP_002308.2 , NP_001171573.1
Reactivity	Human, Pig
Host	Goat
Clonality	Polyclonal
Calculated MW	46944

Goat anti-lysyl oxidase Antibody - Additional Information**Gene ID** 4015**Other Names**

LOX; lysyl oxidase; protein-lysine 6-oxidase

Dilution

WB~~1:1000

Pep-ELISA~~N/A

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: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.

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