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Goat anti-lysyl oxidase Antibody

Peptide-affinity purified goat antibody
Catalog # AF4413a

Product Information

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

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.

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.

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