



Goat anti-lysyl oxidase Antibody

Item Number	dAP-3373
Target Molecule	Principle Name: lysyl oxidase; Official Symbol: LOX; All Names and Symbols: LOX; lysyl oxidase; protein-lysine 6-oxidase; Accession Number (s): NP_002308.2; NP_001171573.1; Human Gene ID(s): 4015; Non-Human GeneID(s):
Immunogen	STAYRADVRDYDHR, is from internal region This antibody is expected to recognize both reported isoforms (NP_002308.2; NP_001171573.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 30-33kDa band observed in Human Heart and Human Placenta lysates (calculated MW of 46.9kDa according to NP_002308.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Kuivaniemi e
IHC	
Reference	Reference(s): Baker AM, Bird D, Welte JC, Gourlaouen M, Lang G, Murray GI, Reynolds AR, Cox TR, Erler JT. Lysyl oxidase plays a critical role in endothelial cell stimulation to drive tumor angiogenesis. Cancer research 2013 Jan 73 (2): 583-94..PMID: 23188504->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**