

GOAT ANTI-LYSYL OXIDASE / LOX ANTIBODY

SKU: EB07256



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	protein-lysine 6-oxidase MGC105112 lysyl oxidase LOX
Accession ID	NP_002308.2
Blocking Peptide	EBP07256
Immunogen	Peptide with sequence C-DDPYNPYKYSDNP, from the internal region of the protein sequence according to NP_002308.2.
Peptide Sequence	C-DDPYNPYKYSDNP
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human
Human Gene ID	4015
Mouse Gene ID	16948
Rat Gene ID	24914
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:16000.

**Western
Blot**

Western Blot: Approx 45kDa band observed in lysates of cell line HEK293 (calculated MW of 46.9kDa according to NP_002308.2). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at approx.150kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

**Application
Type**

Pep-ELISA, WB