



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07256 - Goat Anti-Lysyl oxidase / LOX Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** LOX, lysyl oxidase, MGC105112, protein-lysine 6-oxidase

**Official Symbol:** LOX

**Accession Number(s):** NP\_002308.2

**Human GeneID(s):** [4015](#)

**Non-Human GeneID(s):** 16948 (mouse), 24914 (rat)

### Immunogen

Peptide with sequence C-DDPYNPYKYSDDNP, from the internal region of the protein sequence according to NP\_002308.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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.

### Applications Tested

**Peptide ELISA:** 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?

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow