



## UK Office

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

## EB08466 - Goat Anti-Lactoperoxidase Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** lactoperoxidase, MGC129990, LPO, MGC129991, SPO, salivary peroxidase

**Official Symbol:** LPO

**Accession Number(s):** NP\_006142.1

**Human GeneID(s):** [4025](#)

**Important Comments:** This antibody is expected to recognise isoform 1 (NP\_006142.1) only.

### Immunogen

Peptide with sequence C-, from the internal region of the protein sequence according to NP\_006142.1.

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

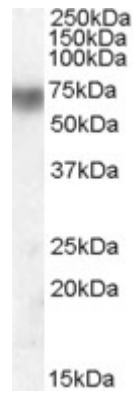
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 70-75kDa band observed in Human Lung lysates (calculated MW of 80.3kDa according to NP\_006142.1). Recommended concentration: 0.01-0.03µg/ml.

### Species Reactivity

**Tested:** Human

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



EB08466 (0.01 $\mu$ g/ml) staining of Human Lung lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.