

## UK Office

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

## EB09049 - Goat Anti-ALOX15 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ALOX15, arachidonate 15-lipoxygenase, 15-LOX-1, 15-LOX2

**Official Symbol:** ALOX15

**Accession Number(s):** NP\_001131.3

**Human GeneID(s):** [246](#)

### Immunogen

Peptide with sequence C-HYKTDVAVKDDPE, from the internal region of the protein sequence according to NP\_001131.3.

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 1:32000.

**Western blot:** Approx. 80kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 74.8kDa according to NP\_001131.3). Recommended concentration: 0.2-0.5µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Skeletal Muscle and Kidney. Recommended concentration: 2µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB09049 (0.2µg/ml) staining of nuclear HeLa lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09049 (2µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB09049 (2µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.