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# 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.

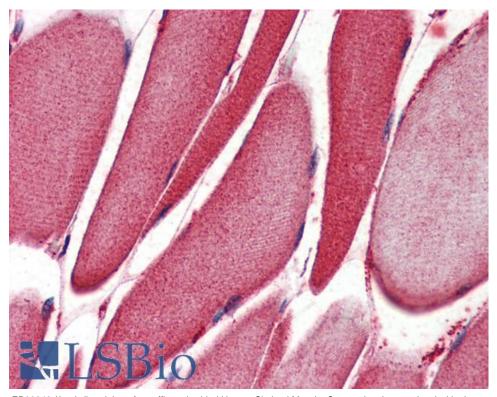
# **Species Reactivity**

Tested: Human

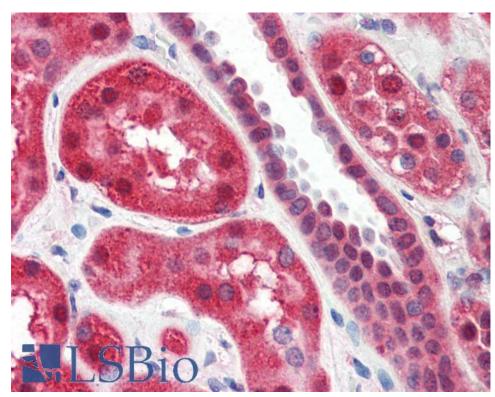
Expected from sequence similarity: Human



EB09049 (0.2 $\mu$ g/ml) staining of nuclear HeLa lysate (35 $\mu$ g 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.