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UK

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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.

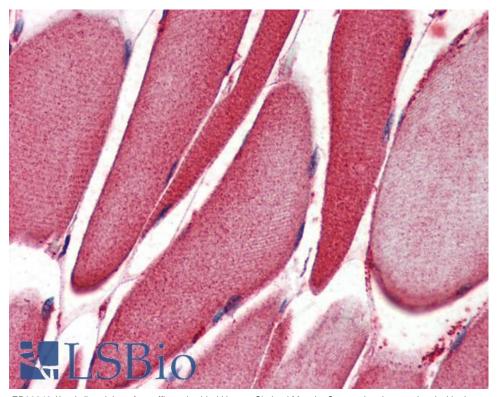
Species Reactivity

Tested: Human

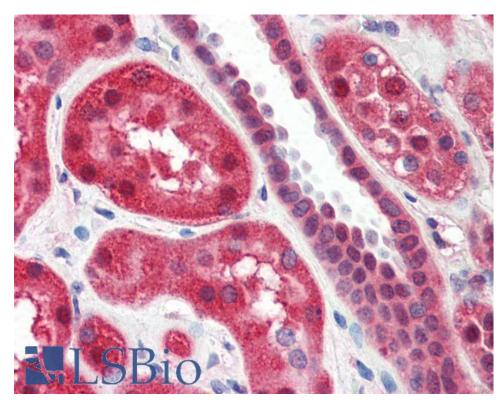
Expected from sequence similarity: Human



EB09049 (0.2 μ g/ml) staining of nuclear HeLa lysate (35 μ 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.