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EB07389 - Goat Anti-Arachidonate 5-lipoxygenase

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: arachidonate 5-lipoxygenase, RP11-67C2.3, ALOX5, ALOX5, 5-LO, 5LPG, LOG5, arachidonic acid 5-lipoxygenase, leukotriene A4 synthase Official Symbol: ALOX5 Accession Number(s): NP_000689.1 Human GenelD(s): <u>240</u> Non-Human GenelD(s): 11689 (mouse), 25290 (rat)

Immunogen

Peptide with sequence C-ERNKKKQLPYYYLSPD, from the C Terminus of the protein sequence according to NP_000689.1.

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.

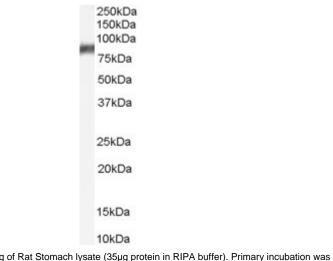
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000. **Western blot:** Approx 85kDa band observed in Human Bone Marrow and Rat Stomach lysates (calculated MW of 77.7.0kDa according to rat NP_036954). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human, Rat Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07389 (0.3µg/ml) staining of Rat Stomach lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.