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Research Use Only. Not for diagnostic or therapeutic use.

EB07434-B - Goat Anti-FLAP / ALOX5AP (internal), Biotinylated Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: ALOX5AP, arachidonate 5-lipoxygenase-activating protein, FLAP,

MK-886-binding protein, five-lipoxygenase activating protein

Official Symbol: ALOX5AP

Accession Number(s): NP_001620.2; NP_001191335.1

Human GeneID(s): 241

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_001620.2; NP_001191335.1).

Immunogen

Peptide with sequence C-HKVEHESRTQNGR., from the internal region of the protein sequence according to NP_001620.2; NP_001191335.1.

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 16kDa band observed in lysates of cell line U937 (calculated MW of 18.2kDa according to NP_001620.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog



Biotinylated EB07434 (0.3µg/ml) staining of U937 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.