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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

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

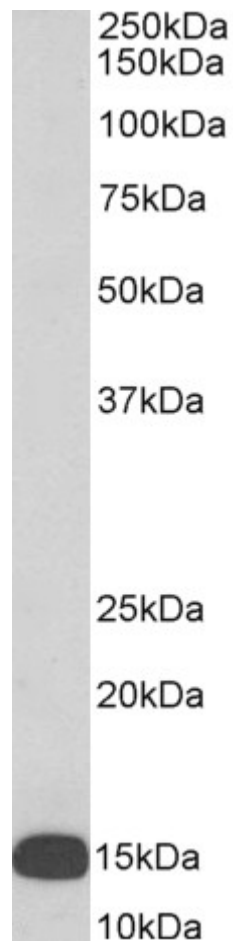
Peptide ELISA: antibody detection limit dilution 1:128000.

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 (0.3 μ g/ml) staining of U937 lysate (35 μ g 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.