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Goat anti-FLAP / ALOX5AP (internal) Antibody

Item Number	dAP-0925
Target Molecule	Principle Name: FLAP / ALOX5AP (internal); Official Symbol: ALOX5AP; All Names and Symbols: ALOX-5AP; FLAP; arachidonate 5-lipoxygenase-activating protein; MK-886-binding protein; five-lipoxygenase activating protein; Accession Number (s): NP_001620.2; NP_001191335.1; Human Gene ID(s): 241; Non-Human GeneID(s):
Immunogen	HKVEHESRTQNGR, is from internal region This antibody is expected to recognize both reported isoforms (NP_001620.2; NP_001191335.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 16kDa band observed in lysates of U937 and of Peripheral Blood Mononucleocytes (calculated MW of 18.2kDa according to NP_001620.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Spleen shows staining of select splenocytes. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Kaaman M, Ryden M, Axelsson T, Nordstrom E, Sicard A, Bouloumie A, Langin D, Arner P, Dahlman I. ALOX5AP expression, but not gene haplotypes, is associated with obesity and insulin resistance. Int J Obes (Lond). 2006 Mar;30(3):447-52. .PMID: 16261187 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only