

Goat anti-FABP4 Antibody

Item Number	dAP-2836
Target Molecule	Principle Name: FABP4; Official Symbol: FABP4; All Names and Symbols: FABP4; fatty acid binding protein 4, adipocyte; A-FABP; AFABP; ALBP; aP2; adipocyte lipid-binding protein; adipocyte-type fatty acid-binding protein; fatty acid-binding protein 4; fatty acid-binding protein, adipocyte; Accession Number (s): NP_001433.1; Human Gene ID(s): 2167; Non-Human GeneID(s):
Immunogen	SVNGDVITIKSEST, is from internal region
Applications	Pep ELISA, WB 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; Reconstitute 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 14kDa band observed in Human Adipose tissue lysates (calculated MW of 14.7kDa according to NP_001433.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Hayabuchi Y, Inoue M, Watanabe N, Sakata M, Ohnishi T, Kagami S. Serum concentration of heart-type fatty acid-binding protein in children and adolescents with congenital heart disease. Circ J. 2011;75(8):1992-7.. PMID: 21617322->

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 end users! This product is sold for **Research Use Only**