

## Goat anti-FABP4 Antibody

<b>Item Number</b>	dAP-2836
<b>Target Molecule</b>	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):
<b>Immunogen</b>	SVNGDVITIKSEST, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**