

Goat anti-FABP2, Biotinylated Antibody

Item Number	dAP-3359
Target Molecule	Principle Name: FABP2, Biotinylated; Official Symbol: FABP2; All Names and Symbols: FABP2; fatty acid binding protein 2, intestinal; FABPI; I-FABP; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein; Accession Number (s): NP_000125.2; Human Gene ID(s): 2169; Non-Human GeneID(s): 14079 (mouse)
Immunogen	EGVEAKRIFKKD., is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 64000.
Western Blot	Western Blot: Approx 16kDa band observed in Mouse Duodenum lysates (calculated MW of 15.1kDa according to Mouse NP_032006.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Takakura Y, Yoshioka K, Umekawa T, Kogure A, Toda H, Yoshikawa T, Yoshida T. Thr54 allele of the FABP2 gene affects resting metabolic rate and visceral obesity. Diabetes research and clinical practice 2005 Jan 67 (1): 36-42..PMID: 15620432->

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**