



## Goat anti-FABP2 Antibody

<b>Item Number</b>	dAP-1085
<b>Target Molecule</b>	Principle Name: FABP2; Official Symbol: FABP2; All Names and Symbols: FABP2; fatty acid binding protein 2, intestinal ; FABP1; I-FABP; MGC133132 ; Fatty acid-binding protein, intestinal; intestinal fatty acid binding protein 2; Accession Number (s): NP_000125.2; Human Gene ID(s): 2169; Non-Human GeneID(s): 14079 (mouse)
<b>Immunogen</b>	EGVEAKRIFKKD, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC 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 64000.
<b>Western Blot</b>	Western Blot: A very strong approx 16kDa band observed in Human Duodenum lysates (calculated MW of 15.2kDa according to NP_000125.2). In transfected HEK293 transiently expressing FABP2 a band of approx 18kDa is observed. This band is not observed in the
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Small Intestine shows strong staining of basement membrane and weaker staining of enterocytes. Recommended concentration: 2-3µg/ml.
<b>Reference</b>	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 Res Clin Pract. 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**