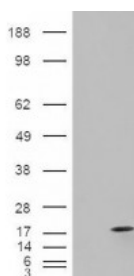


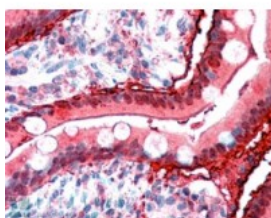


FABP2 Antibody

CATALOG NUMBER: 45-561



HEK293 overexpressing FABP2 and probed with antibody (mock transfection in first lane).



Immunohistochemistry (2.5ug/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot (0.001ug/ml) staining of Human Duodenum lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:64000. Western Blot: A very strong approx 16kDa band observed in Human Duodenum lysates (calculated MW of 15.2kDa according to NP_000125.1). In transfected HEK293 transiently expressing FABP2 a band of approx. 18kDa is observed. This band is not observed in th Immunohistochemistry: In paraffin embedded Human Small Intestine shows strong staining of basement membrane and weaker staining of enterocytes. Recommended concentration, 2-3ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1308 - Human Small Intestine Tissue Lysate 2) Cat. No. 11-801 - Human Small Intestine Tissue Slide
IMMUNOGEN:	FABP2 antibody was raised against a 12 amino acid synthetic peptide near the C-Terminus of FABP2.
HOST SPECIES:	Goat

Properties

PURIFICATION:	FABP2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	FABP2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	FABP2, fatty acid binding protein 2, intestinal, FABPI, I-FABP, MGC133132, Fatty acid-binding protein, intestinal fatty acid binding protein 2
ACCESSION NO.:	NP_000125.1

PROTEIN GI NO.: 4826720

OFFICIAL SYMBOL: FABP2

GENE ID: 2169

Background

REFERENCES: 1) 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.

FOR RESEARCH USE ONLY

December 13, 2016