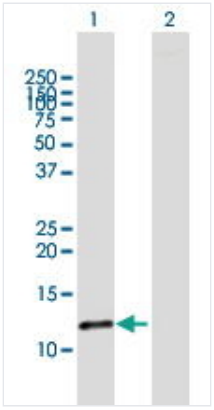
FABP6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FABP6, Polyclonal Antibody
Full Product Name	FABP6 (Intestinal Bile Acid-binding Protein, I-BABP, Intestinal 15kD Protein, I-15P, Ileal Lipid-binding Protein, ILBP, Fatty Acid-binding Protein 6, Gastr
Product Gene Name	anti-FABP6 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FABP6.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor 20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FI maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	19,874 Da
OMIM	600422
3D Structure	ModBase 3D Structure for P51161
Immunogen	Full length human FABP6, aa1-128 (NP_001436.1).
Immunogen Sequence	MAFTGKFEMESEKNYDEFMKLLGISSDVIEKARNFKIVTEVQQDGQDFTWSQHYSGGHTMTNKFTVGKESNIQTMGGKTFKATVQMEGGKLVVNFPNYH
Conjugate	FITC
Note	Preservative Free
Product Categories/Family for anti-FABP6 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-FABP6 antibody	Western Blot (WB)
Application Notes for anti-FABP6 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FABP6 antibody	FABP6 is the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chai ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake,

Other Notes	Small volumes of anti-FABP6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FABP6 purchase	MBS6377913 is an antibody targeting FABP6. Also known as FABP6 (Intestinal Bile Acid-binding Protein, I-BABP, Intestinal 15kD Protein, I-15P, Ileal binding Protein 6, Gastrotropin, GT, ILBP, ILLBP) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-FABP6 antibody
Western Blot analysis of FABP6 expression in transfected 293T cell line by FABP6 polyclonal antibody. Lane 1: FABP6 transfected lysate (14.4kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FABP6. It may not necessarily be applicable to this product.

NCBI GI #	4557583
NCBI GeneID	2172
NCBI Accession #	NP_001436.1
UniProt Primary Accession #	P51161
UniProt Secondary Accession #	Q07DR7; Q8TBI3; Q9UGI7
UniProt Related Accession #	P51161
GenBank Nucleotide #	NM_001445
NCBI Official Full Name	gastrotropin isoform 2
NCBI Official Synonym Full Names	fatty acid binding protein 6
NCBI Official Symbol	FABP6
NCBI Official Synonym Symbols	ILBP; I-15P; I-BAP; ILBP3; ILLBP; I-BABP; I-BALB
UniProt Protein Name	Gastrotropin
UniProt Synonym Protein Names	Fatty acid-binding protein 6; Ileal lipid-binding protein; ILBP; Intestinal 15 kDa protein; I-15P; Intestinal bile acid-binding protein
Protein Family	Gastrotropin
UniProt Gene Name	FABP6
UniProt Synonym Gene Names	ILBP; ILLBP; GT; ILBP; I-15P; I-BABP
UniProt Entry Name	FABP6_HUMAN
NCBI Protein Information	gastrotropin

NCBI Summary for FABP6	This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for FABP6	FABP6: Ileal protein which stimulates gastric acid and pepsinogen secretion. Seems to be able to bind to bile salts and bilirubins. Isoform 2 is essential for the survival of colon cancer cells to bile acid-induced apoptosis. Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family. 2 isoforms of the human protein are produced by alternative promoter. Protein type: Lipid-binding Chromosomal Location of Human Ortholog: 5q33.3-q34 Cellular Component: cytoplasm; cytosol Molecular Function: transporter activity; lipid binding Biological Process: bile acid and bile salt transport; negative regulation of cell proliferation; bile acid metabolic process; lipid metabolic process; transmembrane transport
Research Articles on FABP6	**1.** Analysis of slow and fast motions in I-BABP indicates largely different energy landscapes for the apo and holo states suggesting that optimization of binding interactions might be achieved by altering the dynamic behavior of specific protein segments.
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