



FABP6 Polyclonal Antibody

Catalog No	YP-Ab-07247
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	FABP6 ILBP ILLBP
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	FABP6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Fatty acid binding protein 6;Fatty acid-binding protein 6;Gastrotropin;GT;I-15P; FABP6;FABP6 ILBP ILLBP;Gastrotropin (GT) (Fatty acid-binding protein 6) (Ileal lipid-binding protein) (ILBP) (Intestinal 15 kDa protein) (I-15P) (Intestinal bile acid-binding protein) (I-BABP)
Observed Band	14kD
Calculated Molecular Weight	14kD
Cell Pathway	[Isoform 1]: Cytoplasm . Membrane; Peripheral membrane protein ; Cytoplasmic side .; [Isoform 2]: Cytoplasm . Localized close to nucleus on the apical side of both normal and neoplastic cells. .
Tissue Specificity	Isoform 1 is expressed in the jejunum, ileum, cecum and ascending colon intestine. Isoform 2 is xpressed in the gallbladder, duodenum, jejunum, ileum, cecum, ascending, transverse and descending colon, sigmoid colon and rectum. Isoform 2 is expressed in colorectal adenocarcinomas and their adjacent normal mucosa (at protein level).
Function	domain:Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.,function:Ileal protein which stimulates gastric acid and pepsinogen secretion. Seems to be able to bind to bile salts and bilirubins., similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP)



family.,

Background

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],

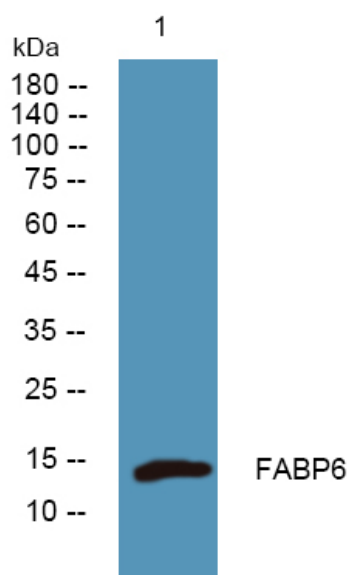
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night