

I-BABP / FABP6 Antibody (aa1-142)
Rabbit Polyclonal Antibody
Catalog # ALS16899**Specification**

I-BABP / FABP6 Antibody (aa1-142) - Product Information

Application	IHC, WB
Primary Accession	P51161
Other Accession	2172
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	14371

I-BABP / FABP6 Antibody (aa1-142) - Additional Information**Gene ID** 2172**Other Names**

FABP6, Fatty acid-binding protein 6, GT, I-BALB, IBABP, I-BABP, Ileal lipid-binding protein, ILLBP, I-15P, ILBP, ILBP3, Illeal lipid-binding protein, Intestinal 15 kDa protein, Gastrotropin, I-BAP

Target/Specificity

Human I-BABP / FABP6

Reconstitution & Storage

0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

I-BABP / FABP6 Antibody (aa1-142) is for research use only and not for use in diagnostic or therapeutic procedures.

I-BABP / FABP6 Antibody (aa1-142) - Protein Information**Name** FABP6**Synonyms** ILBP, ILLBP**Function**

Binds to bile acids and is involved in enterohepatic bile acid metabolism. Required for efficient apical to basolateral transport of conjugated bile acids in ileal enterocytes (By similarity). In vitro binds to bile acids in the order: deoxycholic acid > cholic acid > chenodeoxycholic acid and respective BA conjugation modifies affinities in the order taurine-conjugated > glycine-conjugated > unconjugated bile acids. Stimulates gastric acid and pepsinogen secretion (By similarity).

Cellular Location

[Isoform 1]: Cytoplasm {ECO:0000250|UniProtKB:P80020}. Membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P50119}; Cytoplasmic side {ECO:0000250|UniProtKB:P50119}

Tissue Location

Isoform 1 is expressed in the jejunum, ileum, cecum and ascending colon intestine. Isoform 2 is expressed 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).

Volume

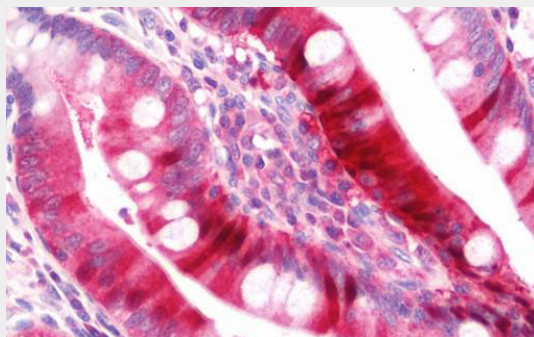
50 μ l

I-BABP / FABP6 Antibody (aa1-142) - Protocols

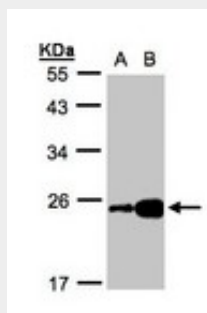
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

I-BABP / FABP6 Antibody (aa1-142) - Images



Anti-I-BABP / FABP6 antibody IHC staining of human small intestine.



Sample (30 ug whole cell lysate).

I-BABP / FABP6 Antibody (aa1-142) - Background

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.

I-BABP / FABP6 Antibody (aa1-142) - References

Oelkers P., et al. Biochim. Biophys. Acta 1257:199-202(1995).
Fujita M., et al. Eur. J. Biochem. 233:406-413(1995).
Fang C., et al. Cancer Res. 67:9039-9046(2007).
Schmutz J., et al. Nature 431:268-274(2004).
Barley N.F., et al. Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.