

### I-FABP / FABP2 Antibody (C-Terminus)

Goat Polyclonal Antibody Catalog # ALS12247

## **Specification**

## I-FABP / FABP2 Antibody (C-Terminus) - Product Information

Application IHC Primary Accession P12104

Reactivity Human, Monkey

Host Goat
Clonality Polyclonal
Calculated MW 15kDa KDa

### I-FABP / FABP2 Antibody (C-Terminus) - Additional Information

#### **Gene ID 2169**

#### **Other Names**

Fatty acid-binding protein, intestinal, Fatty acid-binding protein 2, Intestinal-type fatty acid-binding protein, I-FABP, FABPI

## **Target/Specificity**

Human FABP2.

### **Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

#### **Precautions**

I-FABP / FABP2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

## I-FABP / FABP2 Antibody (C-Terminus) - Protein Information

## Name FABP2

## **Synonyms FABPI**

#### **Function**

FABPs are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.

### **Cellular Location**

Cytoplasm.

## **Tissue Location**



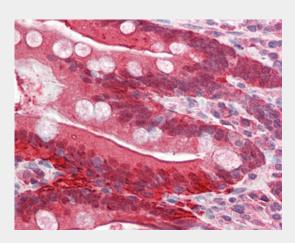
Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum.

## I-FABP / FABP2 Antibody (C-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## I-FABP / FABP2 Antibody (C-Terminus) - Images



Anti-FABP2 antibody IHC of human small intestine.

### I-FABP / FABP2 Antibody (C-Terminus) - Background

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# I-FABP / FABP2 Antibody (C-Terminus) - References

Sweetser D.A.,et al.J. Biol. Chem. 262:16060-16071(1987). Hillier L.W.,et al.Nature 434:724-731(2005). Pelsers M.M.A.L.,et al.Clin. Biochem. 36:529-535(2003). Darimont C.,et al.Am. J. Physiol. 276:G606-G612(1999). Rajabzadeh M.,et al.Biochemistry 42:12192-12199(2003).