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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, FABP2, 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

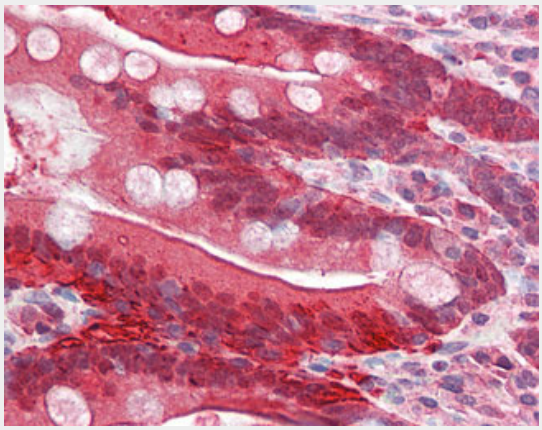
Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum.

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
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- 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).