FABP2 Antibody (R32378)

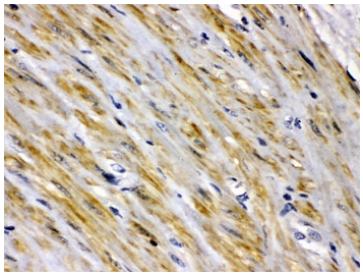
Catalog No.	Formulation	Size
R32378	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

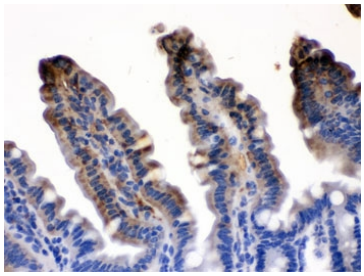
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P12104
Localization	Cytoplasmic
Applications	Western Blot : 0.1-0.5ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This FABP2 antibody is available for research use only.



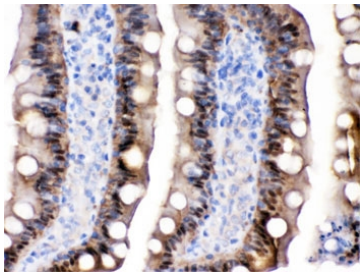
FABP2 Antibody SW620 Cell WB. Western blot testing of human SW620 cell lysate with FABP2 antibody. Expected/observed molecular weight ~15 kDa.



FABP2 Antibody Intestinal Cancer IHC. Immunohistochemistry testing of FFPE human intestinal cancer tissue with FABP2 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to testing.



FABP2 Antibody Mouse Intestine IHC. Immunohistochemistry testing of FFPE mouse intestine with FABP2 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to testing.



FABP2 Antibody Rat Intestine IHC. Immunohistochemistry testing of FFPE rat intestine with FABP2 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to testing.

Description

FABP2 Antibody detects Fatty Acid Binding Protein 2. 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.

Researchers seeking a broadly validated FABP2 antibody for intestinal epithelial biology and lipid absorption studies may also be interested in our HuProt-validated FABP2 antibody clone FABP2/6344, supported by western blot, immunohistochemistry, and protein microarray specificity data.

Application Notes

Optimal dilution of the FABP2 antibody should be determined by the researcher.

Immunogen

Amino acids AFDSTWKVDRSENYDKFMEKMGVNIVKRKLAAHDNLK from the human protein were used as the immunogen for the FABP2 antibody.

Storage

After reconstitution, the FABP2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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