

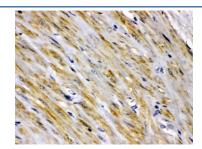
# FABP2 Antibody (R32378)

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

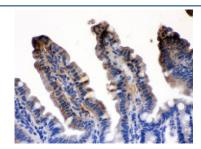
## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
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.

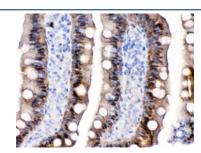
kDa 200 –	Western blot testing of human SW620 cell lysate with FABP2 antibody.
116 - 97 -	Expected/observed molecular weight ~15 kDa.
66	
44 – 31 –	
22	
14	
6-	



IHC 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.



IHC 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.



IHC 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**

FABP 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. [UniProt]

#### **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.