

Datasheet for ABIN4950973
anti-FABP1 (liver) antibody



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3 Images

Overview

Quantity:	100 µg
Target:	FABP1 (liver) (LBFABP)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP1 (liver) antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids KYQLSQENFEAFMKAIGLPEELIQKGKDIK of human FABP were used as the immunogen for the FABP antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	FABP1 (liver) (LBFABP)
Alternative Name:	FABP1 (liver) (LBFABP Products)
Background:	Fatty acid binding protein 1, liver, also known as FABP1 or FABPL, is a human gene locating at 2p11. FABP1 encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind free fatty acids, their CoA derivatives, bilirubin, organic anions, and other small molecules. FABP1 and FABP6 (the ileal

Target Details

fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. The liver form of FABP may be identical to the major liver protein-1 (Lvp-1), which is encoded by a gene situated within 1 cM of Ly-2.

UniProt: [P07148](#)

Application Details

Application Notes: Optimal dilution of the FABP antibody should be determined by the researcher.\. Western blot: 0.1-0.5 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

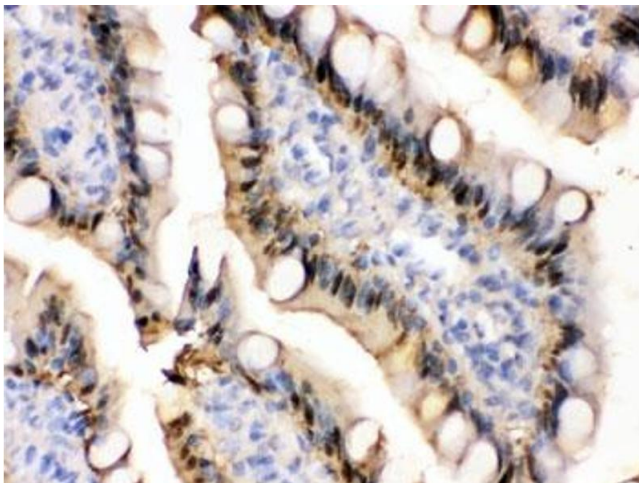
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

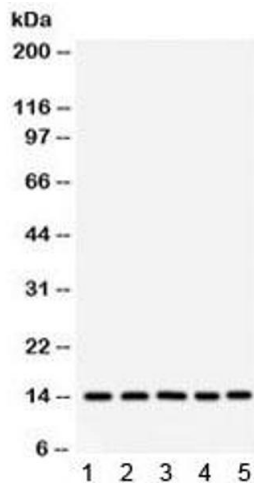
Storage Comment: After reconstitution, the FABP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



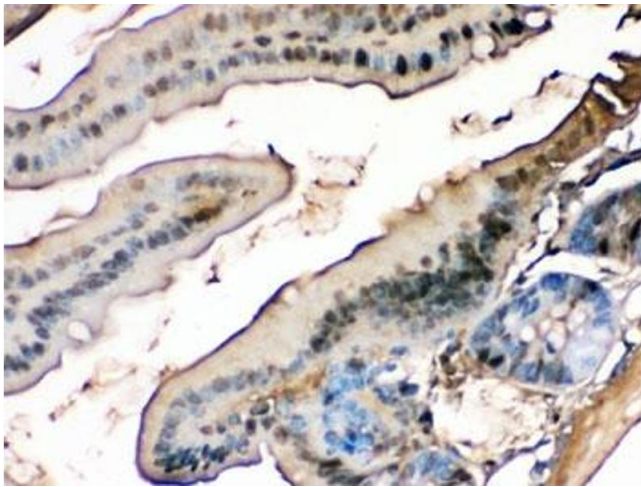
Immunohistochemistry

Image 1. IHC testing of FFPE rat intestine with FABP antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



Western Blotting

Image 2. Western blot testing of 1) rat liver, 2) mouse liver, 3) human SMMC, 4) HepG2 and 5) RH35 lysate with FABP antibody. Predicted/observed molecular weight: ~14 kDa.



Immunohistochemistry

Image 3. IHC testing of FFPE mouse intestine with FABP antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.