Datasheet for ABIN4886576

anti-FABP2 antibody (N-Term)

4 Images

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Overview

Quantity:	100 µg
Target:	FABP2
Binding Specificity:	AA 2-38, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Fatty acid-binding protein, intestinal(FABP2) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human FABP2/I-FABP (2-38aa AFDSTWKVDRSENYDKFMEKMGVNIVKRKLAAHDNLK), different from the related mouse sequence by seven amino acids, and from the related rat sequence by six amino acids.
Sequence:	AFDSTWKVDR SENYDKFMEK MGVNIVKRKL AAHDNLK
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Fatty acid-binding protein, intestinal(FABP2) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: fatty acid binding protein 2, intestinal Protein Name: Fatty acid-binding protein, intestinal

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	FABP2
Alternative Name:	FABP2 (FABP2 Products)
Background:	FABP 2, Fatty acid-binding protein 2, is a protein that in humans is encoded by the FABP2 gene. Using a human cDNA probe, the gene is assigned to chromosome 4 in somatic cell hybrids. FABP 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. The FABPs belong to a multigene family with nearly twenty identified members. And FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. Also, they may be responsible in the modulation of cell growth and proliferation. Synonyms: FABP2 | FABPI | I FABP | IFABP | I-FABP | intestinal FABP | P12104
Gene ID:	2169
UniProt:	P12104

Application Details

Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

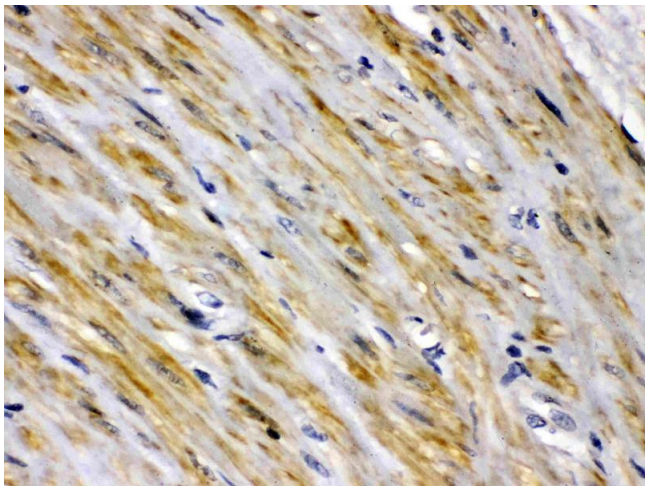
Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

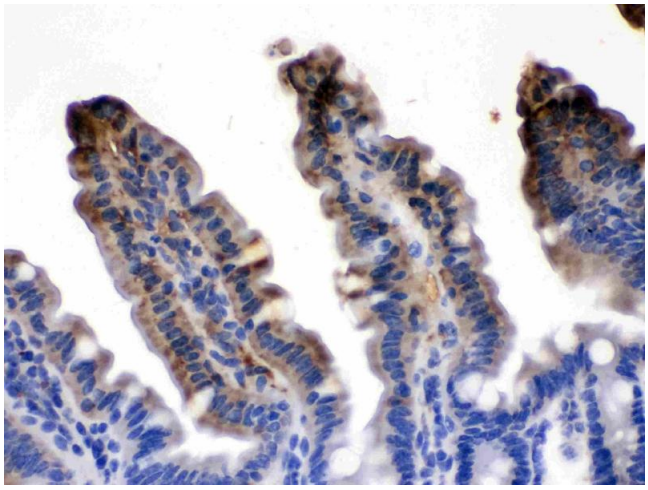
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



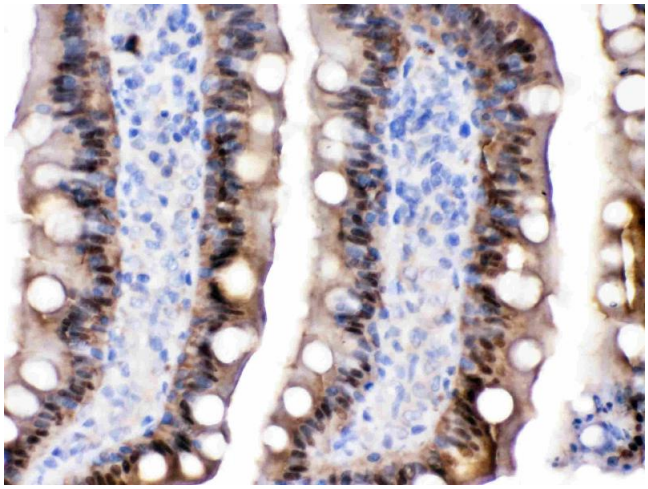
Immunohistochemistry

Image 1. FABP2/I-FABP was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- FABP2/I-FABP Antigen Affinity purified polyclonal antibody (Catalog #) at 1 ??g/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).



Immunohistochemistry

Image 2. FABP2/I-FABP was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti-FABP2/I-FABP Antigen Affinity purified polyclonal antibody (Catalog #) at 1 µg/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).



Immunohistochemistry

Image 3. FABP2/I-FABP was detected in paraffin-embedded sections of rat intestine tissues using rabbit anti- FABP2/I-FABP Antigen Affinity purified polyclonal antibody (Catalog #) at 1 µg/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).

Please check the product details page for more images. Overall 4 images are available for ABIN4886576.