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Datasheet for ABIN3042384 anti-FABP1 antibody (N-Term)

5 Images



Overview

Quantity:	100 µg
Target:	FABP1
Binding Specificity:	AA 6-36, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	

Purpose:	Rabbit IgG polyclonal antibody for Fatty acid-binding protein, liver(FABP1) detection. Tested
	with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human liver FABP (6-
	36aa KYQLQSQENFEAFMKAIGLPEELIQKGKDIK), different from the related mouse sequence by
	two amino acids, and from the related rat sequence by four amino acids.
Sequence:	KYQLQSQENF EAFMKAIGLP EELIQKGKDI K
lsotype:	lgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Fatty acid-binding protein, liver(FABP1) detection. Tested
	with WB, IHC-P in Human,Mouse,Rat.
	Gene Name: fatty acid binding protein 1, liver

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at Datail .

Product Details	
	Protein Name: Fatty acid-binding protein, liver
Purification:	Immunogen affinity purified.
Target Details	
Target:	FABP1
Alternative Name:	FABP1 (FABP1 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 fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metaboism. 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. Synonyms: FABP 1 antibody/FABP1 antibody/FABP-1 antibody/FABPL antibody/FABPL_HUMAN antibody/FAtty Acid Binding Protein 1 antibody/FAtty acid binding protein 1 liver antibody/Fatty Acid Binding protein in antibody/Fatty acid-binding protein antibody/Fatty acid-binding protein antibody/FABP antibody/LFABP antibody/FABP antibody/Fatty acid-binding protein antibody/FABP antibody/FABP antibody/Fatty acid-binding protein antibody/FABP antibody/FABP antibody/FABP antibody/Fatty acid-binding protein antibody/Fatty acid-binding protein antibody/FABP antibody/FABP antibody/FABP antibody/Fatty acid-binding protein antibody/FABP antibody/
Gene ID:	2168
UniProt:	P07148
Pathways:	Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat 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.

Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat
	IHC-P: Concentration: 0.5-1 μ g/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).

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Application Details

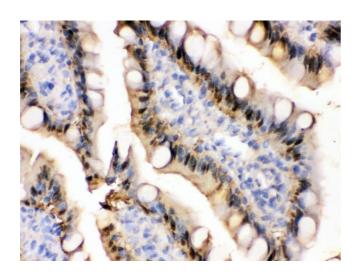
Restrictions:

For Research Use only

Handling

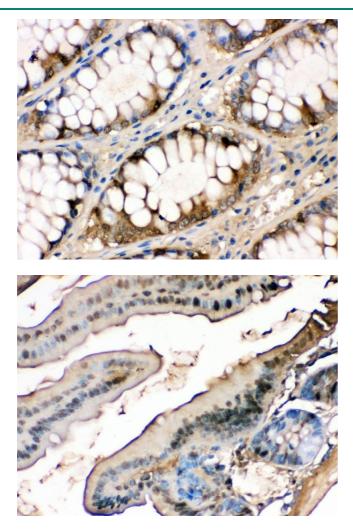
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 μ g/mL.
Concentration:	500 μg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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. Anti- liver FABP Picoband antibody,IHC(P) IHC(P): Rat Intestine Tissue



Immunohistochemistry

Image 2. Anti- liver FABP Picoband antibody,IHC(P) IHC(P):

Human Intestinal Cancer Tissue

Immunohistochemistry

Image 3. Anti- liver FABP Picoband antibody,IHC(P) IHC(P): Mouse Intestine Tissue

Please check the product details page for more images. Overall 5 images are available for ABIN3042384.

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