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Datasheet for ABIN3030914
anti-FABP5 antibody (AA 10-23)

5 Images

Overview

Quantity:	100 µg
Target:	FABP5
Binding Specificity:	AA 10-23
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 10-23 (KWRLMESHGFEEYM-mouse) were used as the immunogen for this FABP5 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	FABP5
Alternative Name:	FABP5 (FABP5 Products)
Background:	Fatty acid binding protein 5 (psoriasis-associated) is a protein that in humans is encoded by the FABP5 gene, also known as PAFABP, EFABP, E-FABP, KFABP, PA-FABP, and Epidermal-type fatty acid-binding protein. It is a family of small, highly conserved, cytoplasmic proteins that

Target Details

bind long-chain fatty acids and other hydrophobic ligands. The cDNA encodes a 135-amino acid protein with molecular weight 15,164. This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. It is though that FABPs roles include fatty acid uptake, transport, and metabolism. Kaczocha et al.(2009) identified FABP5 and FABP7 as cytosolic proteins that transport AEA from the plasma membrane to subcellular fatty acid amide hydrolase, where it is hydrolyzed and inactivated. FABP3 did not show this specific transport function.

UniProt: [Q05816](#)

Application Details

Application Notes: Titration of the FABP5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

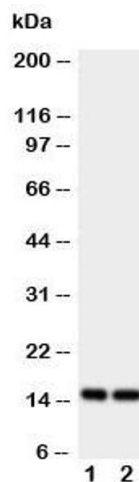
Handling

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

Storage: -20 °C

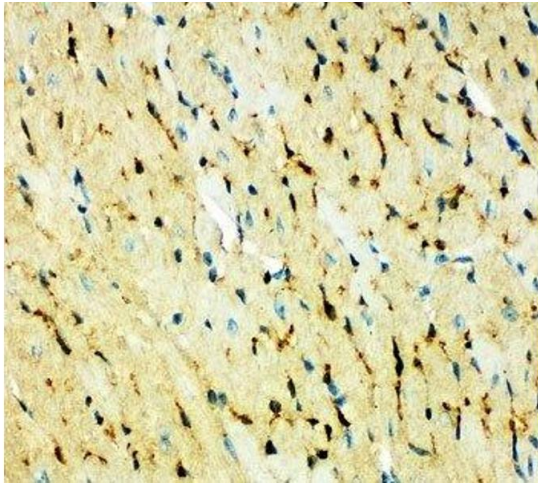
Storage Comment: The lyophilized FABP5 antibody can be stored at 4°C to -20°C. After reconstitution, aliquot and store at -20°C. Avoid repeated freeze/thaws.

Images



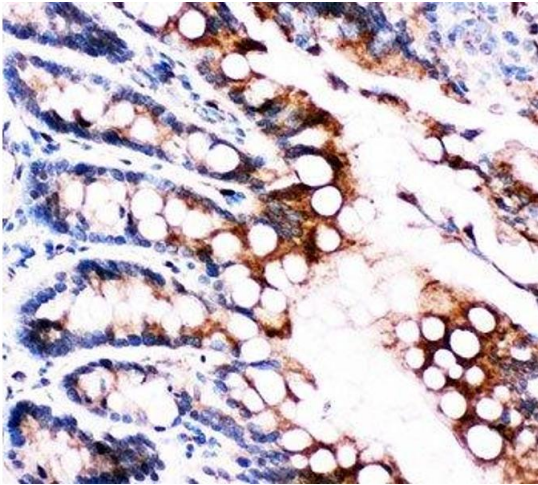
Western Blotting

Image 1. Western blot testing of FABP5 antibody and Lane 1: rat liver



Immunohistochemistry

Image 2. IHC-P: FABP5 antibody testing of mouse heart



Immunohistochemistry

Image 3. IHC-P: FABP5 antibody testing of rat intestine tissue

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030914.