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39-2095: Anti-FABP1 Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	FABP1
Gene ID :	2168
Uniprot ID :	P07148
Alternative Name :	Fatty acid-binding protein, liver; Fatty acid-binding protein 1; Liver-type fatty acid-binding protein; L-FABP; FABP1; FABPL
Isotype :	Rabbit IgG

Description

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 though 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.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	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.

Application Note

Western blot : 0.1-0.5µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1µg/ml

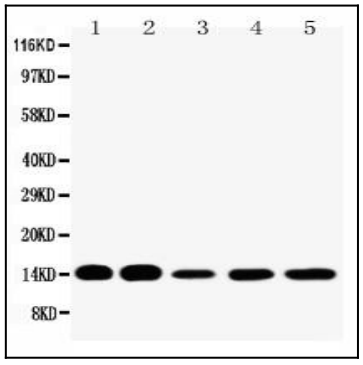

Figure 1: Anti-liver FABP antibody(39-2095). Western blotting: Lane 1: Rat Liver Tissue Lysate , Lane 2: Rat Kidney Tissue Lysate, Lane 3: HELA Cell Lysate, Lane 4: NEURO Cell Lysate, Lane 5: SMMC Cell Lysate.

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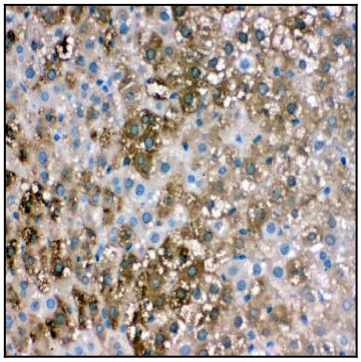

Figure 2: Anti-liver FABP antibody(39-2095). IHC(P): Rat Liver Tissue.

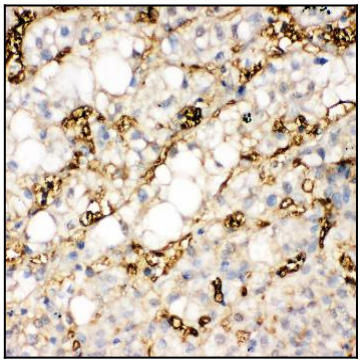

Figure 3: Anti-liver FABP antibody(39-2095). IHC(P): Human Liver Cancer Tissue

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