



Rabbit polyclonal antibody to human Fatty acid-binding protein, liver (30-46): Affinity purified

Catalogue No.:	R-1137-100
Description:	THIS PRODUCT IS TEMPORARILY OUT OF STOCK. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Fatty acid-binding protein, liver (FABP1) is a lipid transport protein which binds long chain fatty acids and delivers them to their receptors in the nucleus. FABP1 also binds bile acids. FABP1 is found in liver and is a sensitive marker for cell damage of liver cells.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (QKGKDIKGVSEIVQNGK) corresponding to a region (30-46) from human Fatty acid-binding protein, liver. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Fatty acid-binding protein 1; L-FABP; FABP1; FABPL;
Accession:	P07148 FABPL_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human FABP1 has a predicted length of 127 residues and MW of 14 kDa. A concentration of 2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

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