Rabbit polyclonal antibody to human Fatty acid-binding protein, adipocyte (103-120): Affinity purified

Catalogue No.:	R-1113-100
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, adipocyte (FABP4) is a lipid transport protein which binds long chain fatty acids and other hydrophobic ligands and delivers them to their receptors in the nucleus. FABP4 is found in the cytoplasm and nucleus of adipocytes.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (TTIKRKREDDKLVVECVM) corresponding to a region (103-120) from human Fatty acid-binding protein, adipocyte. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	A-FABP; AFABP; Fatty acid-binding protein 4; Adipocyte lipid-binding protein; ALBP; FABP4;
Accession:	P15090 FABP4_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 FABP4 has a predicted length of 132 residues and MW of 15 kDa. A concentration of 1.0-2.0 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 Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3
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

51 West Thebarton Road • Thebarton • South Australia 5031
Telephone + 61(0)8 8352 7711 • Email sales@biosensis.com • www.biosensis.com