
A-FABP

Human, Recombinant, *E. coli*

Cat. No.: RCP9332

Size: 10µg

Synonym: Fatty Acid Binding Protein, Adipocyte; FABP-4; Adipocyte lipid-binding protein; A-FABP; ALBP; Adipocyte Binding Protein AP2.

Description: Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins (14-15kDa) that bind long chain fatty acids, their CoA derivatives, bilirubin, organic anions and other small hydrophobic molecules. A-FABP (or FABP-4) is a fat cell specific protein that is considered to facilitate the bidirectional flux of fatty acids into and out of the adipocyte in response to insulin and epinephrine.

RANDOX recombinant A-FABP comprises a 132 amino acid fragment (1-132) corresponding to the human adipocyte FABP protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Zimmerman A W & Veerkamp JH *Cell Mol. Life Sci.* 2002
59 (7): 1096-1116

[Reese-Wagoner A, *Biochim Biophys Acta.* 1999
23;1441\(2-3\):106-16.](#)