

Basic Studies on lipid metabolism of skin: Identification of Fatty Acid-Binding Protein

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A novel skin-type fatty acid-binding protein, termed cutaneous (C)-FABP was purified to homogeneity from rat skin cytosol by DEAE-cellulose chromatography, followed by chromatography on Mono S and Superdex 75 gel filtration. Although the partial amino acid sequence of C-FABP was homologous to those of known rat FABP family, especially heart FABP, C-FABP was distinct from them with respect to the immunological properties and an apparent molecular mass.