

**RECOMBINANT RAT LIVER FATTY ACID BINDING PROTEIN (L-FABP, FABP1)**  
(E.coli-derived)



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<b>Catalog no</b>	HC3102 (lot number and expiry date are indicated on the label)
<b>Description</b>	Rat liver fatty acid binding protein (L-FABP) is derived from the <i>FABP1</i> gene. FABPs are small intracellular proteins (~13-14 kDa) with a high degree of tissue specificity that bind long chain fatty acids. They are abundantly present in various cell types and seem to play an important role in the intracellular utilization of fatty acids, transport and metabolism. There are at least nine distinct types of FABP, each showing a specific pattern of tissue expression. Due to its small size, FABP leaks rapidly out of ischemically damaged necrotic cells leading to a rise in serum levels. Ischemically damaged tissues are characterized histologically by absence (or low presence) of FABP facilitating recognition of such areas. L-FABP is localized in the liver, kidney and intestinal epithelium.
<b>Aliases</b>	FABP1
<b>Species</b>	Recombinant N-terminal His-tag protein expressed in <i>E.coli</i> , MW 19 kD
<b>Formulation</b>	Lyophilized product in TBS, containing 40 µg. Reconstitute the vial by injection of 1 ml distilled or de-ionized water (Caution: vial is under vacuum).
<b>Use</b>	For dilutions use protein stabilized phosphate buffered saline, pH7. It is recommended that users test the reagent and determine their own optimal dilutions.
<b>Storage and stability</b>	Lyophilized product should be stored at 4°C. Store stock solution in aliquots at -20°C. Repeated freeze and thaw cycles will cause loss of activity. Under recommended storage conditions, product is stable for one year.
<b>Precautions</b>	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.
<b>Also available</b>	HC2105      Recombinant human H-FABP, E.coli-derived HC3101      Recombinant rat I-FABP, E.coli-derived HM2049      Monoclonal antibody against Rat L-FABP, clone L2B10 HP8010      Polyclonal antibody against Rat L-FABP