

Product datasheet for **AM26273PU-N**

liver FABP (FABP1) Mouse Monoclonal Antibody [Clone ID: L2B10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	L2B10
Applications:	ELISA, IHC, WB
Recommended Dilution:	Immunoassay. Western blot. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections. Recommended Dilutions: Use 1/50 as a starting working dilution for immunohistochemistry and Western blotting.
Reactivity:	Baboon, Canine, Human, Porcine, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	The monoclonal antibody L2B10 recognizes Human Liver Fatty Acid Binding Protein (L-FABP) of both natural and recombinant origin. The monoclonal antibody L2B10 is useful to detect ischemic areas of Human liver. Furthermore, the antibody can be used for the purification of Human L-FABP. Weak reactivity with Human H-FABP.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.



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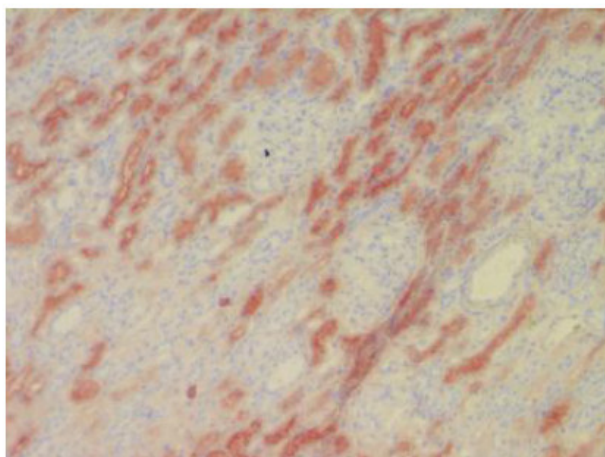
Gene Name: fatty acid binding protein 1

Database Link: [Entrez Gene 2168 Human P07148](#)

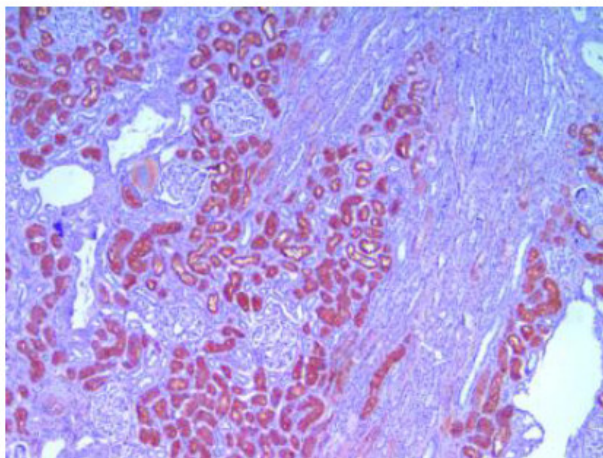
Background: The L-FABP protein is derived from the human FABP1 gene. FABPs are small intracellular proteins (~13-14 kDa) with a high degree of tissue specificity that bind long chain fatty acids. They are abundantly present in various cell types and play an important role in the intracellular utilization 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.

Synonyms: FABPL, L-FABP, Liver-type fatty acid-binding protein

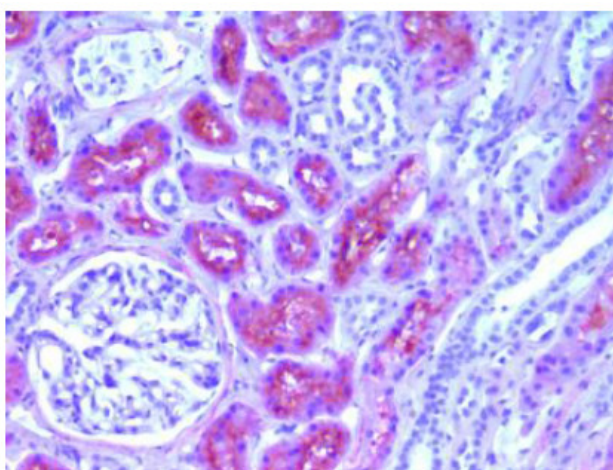
Product images:



Immunohistochemical analysis of Human L-FABP in Frozen Human kidney tissue using FABP1 Antibody Cat.-No AM26273PU-N (Clone L2B10) at 1.9 ug/ml.



Immunohistochemical analysis of Human L-FABP in Paraffin Embedded Human kidney tissue using FABP1 Antibody Cat.-No AM26273PU-N (Clone L2B10) at 0.95 ug/ml and the antigen retrieval was with TrisHCl.



Immunohistochemical analysis of Human L-FABP in Paraffin Embedded Human kidney tissue using FABP1 Antibody Cat.-No AM26273PU-N (Clone L2B10) at 0.95 ug/ml and the antigen retrieval was with glycine buffer.