Datasheet for ABIN1107158

anti-FABP1 antibody

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Overview

Quantity:	0.1 mg
Target:	FABP1
Reactivity:	Human, Rat, Baboon
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FABP1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Clone:	K5A6
Isotype:	IgG1
Cross-Reactivity (Details):	Species reactivity (tested):Human, baboon
Purification:	Protein G

Target Details

Target:	FABP1
Alternative Name:	FABP1 (FABP1 Products)
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

Target Details

	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, Fatty acid-binding protein 1, L-FABP, Liver-type fatty acid-binding protein
Gene ID:	9606
UniProt:	P07148
Pathways:	Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL
Buffer:	PBS, 0.02 % sodium azide, 0.1 % bovine serum albumin
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2 - 8 °C.