

Datasheet for ABIN7596026
anti-FABP1 antibody (AA 1-127)



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Overview

Quantity:	100 µL
Target:	FABP1
Binding Specificity:	AA 1-127
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FABP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Human FABP1/L-FABP antibody
Immunogen:	Recombinant human FABP1/L-FABP (1-127aa) purified from E. coli
Clone:	2G4
Isotype:	IgG1 kappa
Purification:	protein-A affinity chromatography

Target Details

Target:	FABP1
Alternative Name:	FABP1/L-FABP (FABP1 Products)
Background:	FABP1 (Fatty acid binding protein1) encodes the fatty acid binding protein found in liver. FABP1

Target Details

is composed of ten antiparallel beta strands that form a barrel with a bigger binding pocket than the other FABPs allowing it to accommodate two fatty acid. This protein binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm, it may be involved in intracellular lipid transport and metabolism.

NCBI Accession:	NP_001434
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

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol
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, -20 °C, -80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.