



Datasheet for ABIN6939365 anti-FABP2 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	FABP2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FABP2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full length human FABP2 protein
Clone:	CPTC-FABP2-3
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	FABP2
Alternative Name:	FABP2 (FABP2 Products)
Background:	The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identified members. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids.

Target Details

They may also be responsible in the modulation of cell growth and proliferation. Intestinal fatty acid-binding protein 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. This gene has a polymorphism at codon 54 that identified an alanine-encoding allele and a threonine-encoding allele. Thr-54 protein is associated with increased fat oxidation and insulin resistance.

Molecular Weight: 15.21kDa

Gene ID: 2169

UniProt: [P12104](#)

Application Details

Application Notes: Positive Control: MOLT-4 and HEK-293 cell lines. Esophagus, Skin. Keratinocytes, highly expressed in psoriatic skin. Colon.
Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 min at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10mM PBS with 0.05% BSA & 0.05% azide.

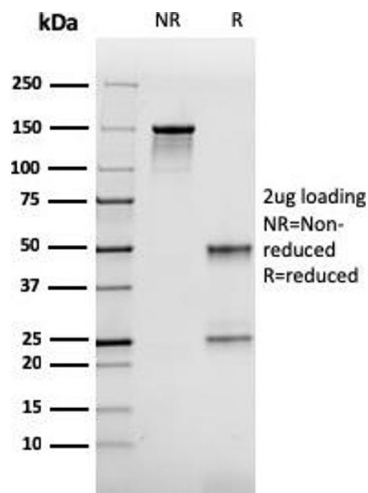
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



Western Blotting

Image 1. SDS-PAGE Analysis Purified FABP2 Mouse Monoclonal Antibody (CPTC-FABP2-3). Confirmation of Purity and Integrity of Antibody.