

Datasheet for ABIN1169351

anti-FABP4 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	FABP4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant human FABP4.
Specificity:	Recognizes human FABP4. Detects a band of ~15 kDa by Western blot.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

Target Details

Target:	FABP4
Alternative Name:	FABP4 (FABP4 Products)
Background:	FABP4 is a fatty acid binding protein in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs regulate the fatty acid uptake, transport, and metabolism. aP2, the mouse form of FABP4, seems to be central to the pathway that links obesity to insulin resistance. aP2 was shown to be an adipokine linking adipocytes to hepatic glucose production

Target Details

	and that neutralizing secreted aP2 may represent an effective therapeutic strategy against diabetes.
UniProt:	P15090
Pathways:	Brown Fat Cell Differentiation

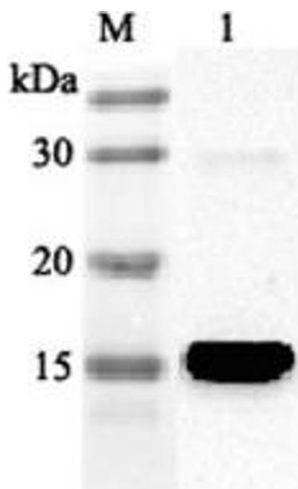
Application Details

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

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months

Images



Western Blotting

Image 1. Western blot analysis using anti-FABP4 (human), pAb at 1:2'000 dilution. 1: Human FABP4 (His-tagged).