

Nur für Forschungszwecke

Fabp4 Polyklonaler Antikörper

Katalog-Nr.: 51035-1-AP

2 Publikationen



Allgemeine Informationen

Katalog-Nr.: 51035-1-AP	GenBank-Zugangsnummer: BC054426	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 133 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 11770	
Wirt: Kaninchen	Vollständiger Name: fatty acid binding protein 4, adipocyte	
Isotyp: IgG	Berechnete Masse: 15 kDa	
Immunogen Katalognummer: AG0712	Beobachtete Masse: 15 kDa	

Anwendungen

Geprüfte Anwendungen:
ELISA

In Publikationen genannte Anwendungen:
IF, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Hausschwein, Maus

Hintergrundinformationen

Fatty acid binding protein (FABP) 4 is a member of the FABP family which abundantly expressed, fatty acid carrier proteins. FABPs are capable of binding a variety of hydrophobic molecules such as long-chain fatty acids and are important for their uptake and intracellular trafficking. It was first identified as an adipocyte-specific protein, important for the maintenance of lipid and glucose metabolism. It is also detected in macrophages, where it participates in regulating inflammation and cholesterol trafficking via NFκB and PPAR. In more recent studies, FABP4 has been found in a variety of endothelial cells, where it has been identified as a target of VEGF and a regulator of cell proliferation and possibly angiogenesis. Pathologically, FABP4 has been associated with the development of metabolic syndrome, diabetes and cancer and vulnerability of atherosclerotic plaques. FABP4 has been identified as a novel prognostic factor for both adverse cardiovascular events and breast cancer.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
H Liu	30958881	J Anim Sci	WB
Daniel Kopinke	28709001	Cell	IF

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern.

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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