



A-FABP mouse mAb

Catalog No	YP-mAb-00784
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FABP4
Immunogen	Synthesized peptide derived from human A-FABP AA range: 80-120
Specificity	This antibody detects endogenous levels of Human A-FABP
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Adipocyte lipid-binding protein;Adipocyte-type fatty acid-binding protein;AFABP; ALBP;Fatty acid;A-FABP;FABP4;Fatty acid-binding protein;adipocyte (Adipocyte lipid-binding protein;Fatty acid-binding protein 4); adipocyte (Adipocyte lipid-binding protein
Observed Band	15 kDa
Calculated Molecular Weight	132 aa, 15 kDa
Cell Pathway	Cytoplasm . Nucleus . Depending on the nature of the ligand, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus. Subject to constitutive nuclear export. .
Tissue Specificity	
Function	domain:Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.,function:Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,subcellular location:Depending on the nature of the ligand, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus. Subject to constitutive nuclear export.,subunit:Homodimer. Interacts with



PPARG (By similarity). Monomer.,

Background

FABP4 encodes the fatty acid binding protein found 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. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images