Best Tools for immunology Research

A-FABP rabbit pAb

Catalog No :	YT7833
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	A-FABP
Fields :	>>PPAR signaling pathway;>>Regulation of lipolysis in adipocytes
Gene Name :	FABP4
Protein Name :	A-FABP
Human Gene Id :	2167
Human Swiss Prot No :	P15090
Mouse Gene Id :	11770
Mouse Swiss Prot No :	P04117
Rat Swiss Prot No :	P70623
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 :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	15kD
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],
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.,
Subcellular Location :	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. .
Sort :	1777
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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