

A-FABP rabbit pAb

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|------------------------------|---|
| 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.,

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