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FABP4, human recombinant protein

Fatty acid-binding protein adipocyte, AFABP, Fatty acid-binding protein 4, Adipocyte lipid-binding p

Catalog # PBV10287r

Specification

FABP4, human recombinant protein - Product info

Primary Accession	P15090
Calculated MW	16 kDa KDa

FABP4, human recombinant protein - Additional Info

Gene ID	2167
Gene Symbol	FABP4

Other Names
Fatty acid-binding protein adipocyte, AFABP, Fatty acid-binding protein 4, Adipocyte lipid-binding protein, ALBP, A-FABP, FABP4.

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC;
Recombinant	Yes

Target/Specificity
FABP4

Application Notes
Reconstitute in H_2O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives

FABP4, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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FABP4, human recombinant protein - Images

FABP4, human recombinant protein - Background

FABPs have been reported to be involved in the uptake and metabolism of fatty acids, maintenance of Cellular membrane fatty acids levels, intraCellular trafficking, modulation of specific enzymes of lipid metabolic pathways, as well as in the modulation of cell growth and differentiation.

FABP4, human recombinant protein - References

Baxa C.A.,et al.Biochemistry 28:8683-8690(1989).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V.,et al.Mol. Cell. Proteomics 11:M111.015131-M111.015131(2012).