

Fatty Acid Binding Protein 4 Active Protein | FABP4 active protein

Active Fatty Acid Binding Protein 4 (FABP4)

CATALOG #
AAA150114

APPLICATIONS
Activity Assay, Cell Culture

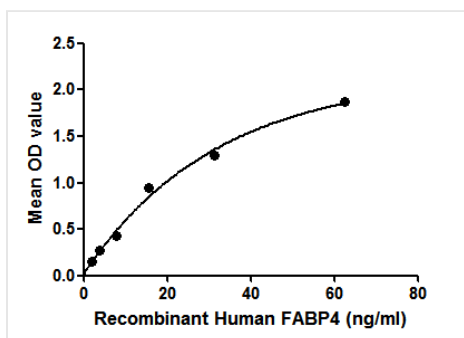
PRODUCT SYNONYMS

Fatty Acid Binding Protein 4; Active Fatty Acid Binding Protein 4 (FABP4); A-FABP; AFABP; AP2; Adipocyte; Adipocyte Protein 2; Adipocyte-type fatty acid-binding protein; FABP4 active protein

PRODUCT SPECIFICATIONS

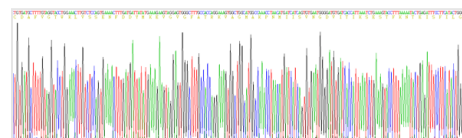
Purity/Purification	>90%
Form/Format	Freeze-dried powder PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence Positions	Cys2~Ala132
Sequence Length	132
Applicable Applications for FABP4 active protein	Activity Assay, Cell Culture
Species	Human
Tag	N-terminal His Tag
Isoelectric Point	6.8
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



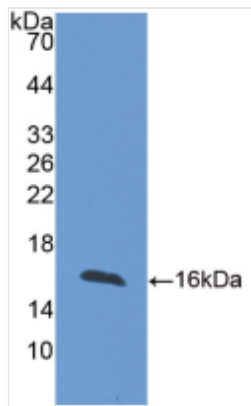
Bioactivity

Figure 1. The binding activity of FABP4 with ACTb



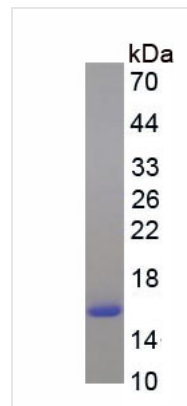
Gene Sequencing

Figure. Gene Sequencing (Extract)



WB (Western Blot)

Figure. Western Blot; Sample: Recombinant Human, FABP4; Antibody: Rabbit Anti-FABP4 Human Ab (PAB693Hu06)



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for FABP4 active protein

Metabolic pathway; Endocrinology; Cardiovascular biology; Hepatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119781
NCBI GeneID	2167
UniProt Accession #	P15090
Molecular Weight	Predicted Molecular Mass: 16.2kDa Accurate Molecular Mass: 16kDa
NCBI Official Full Name	Fatty acid-binding protein, adipocyte
NCBI Official Synonym Full Names	fatty acid binding protein 4
NCBI Official Symbol	FABP4
NCBI Official Synonym Symbols	aP2; ALBP; AFABP; A-FABP; HEL-S-104
NCBI Protein Information	fatty acid-binding protein, adipocyte
UniProt Protein Name	Fatty acid-binding protein, adipocyte
UniProt Gene Name	FABP4
UniProt Synonym Gene Names	ALBP; A-FABP; AFABP
UniProt Entry Name	FABP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/fabp4-active-protein/fatty-acid-binding-protein-4/150114>