

Goat anti-Human FABP4 / AP2 Polyclonal Antibody | anti-FABP4 antibody

Goat Polyclonal to Human FABP4 / AP2

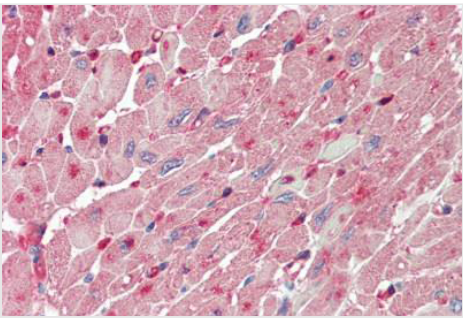
CATALOG # AAA52447	HOST Goat	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

FABP4 / AP2; Polyclonal Antibody; Goat Polyclonal to Human FABP4 / AP2; Anti-FABP4 / AP2 Antibody (Internal) IHC-plus; FABP4; A-FABP; AFABP; ALBP; AP2; Fatty acid-binding protein 4; Human FABP4; anti-FABP4 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Specificity	Human FABP4 / AP2
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	132
Applicable Applications for anti-FABP4 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-SVNGDVITIKSEST from an internal region of human FABP4 / AP2 (NP_001433.1). Percent identity by BLAST analysis: Hamster, Elephant, Horse (93%); Sheep, Goat, Turkey, Zebra finch, Chicken (86%).
Immunogen Type	Synthetic peptide
Immunogen	FABP4 / AP2 antibody was raised against synthetic peptide C-SVNGDVITIKSEST from an internal region of human FABP4 / AP2 (NP_001433.1). Percent identity by BLAST analysis: Hamster, Elephant, Horse (93%); Sheep, Goat, Turkey, Zebra finch, Chicken (86%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.



IHC (Immunohistochemistry)
Anti-FABP4 / AP2 antibody IHC staining of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
FABP4 antibody (0.03 ug/ml) staining of Human Adipose lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP4 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557579
NCBI GeneID	2167
NCBI Accession #	NP_001433.1
NCBI GenBank Nucleotide #	NM_001442.2
UniProt Accession #	P15090; Q6IBA1
Molecular Weight	14,719 Da
NCBI Official Full Name	fatty acid-binding protein, adipocyte
NCBI Official Synonym Full Names	fatty acid binding protein 4, adipocyte
NCBI Official Symbol	FABP4
NCBI Official Synonym Symbols	aP2; ALBP; AFABP; A-FABP; HEL-S-104
NCBI Protein Information	fatty acid-binding protein, adipocyte; fatty acid-binding protein 4; adipocyte lipid-binding protein; epididymis secretory protein Li 104; adipocyte-type fatty acid-binding protein
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.