

Rabbit FABP1 Polyclonal Antibody | anti-FABP1 antibody

Phospho-FABP1 (Ser11) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328255	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

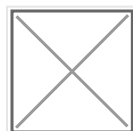
PRODUCT SYNONYMS

FABP1; Polyclonal Antibody; Phospho-FABP1 (Ser11) Antibody; FABP 1; FABPL; FABPL_HUMAN; Fatty Acid Binding Protein 1; Fatty acid binding protein 1 liver; Fatty Acid Binding Protein; Fatty acid-binding protein 1; Fatty acid-binding protein; Fatty acid-binding protein liver; L FABP; L-FABP; liver; Liver-type fatty acid-binding protein; anti-FABP1 antibody

PRODUCT SPECIFICATIONS

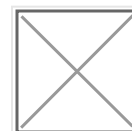
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-FABP1(Ser11) Antibody detects endogenous levels of FABP1 only when phosphorylated at Ser11.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	127
Applicable Applications for anti-FABP1 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FABP1 around the phosphorylation site of Ser11.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2, using Phospho-FABP1(Ser11) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



IHC (Immunohistochemistry)

AAA328255 At 1/100 staining rat liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-FABP1 antibody	Description: Plays a role in lipoprotein-mediated cholesterol uptake in hepatocytes (PubMed:25732850). Binds cholesterol (PubMed:25732850). Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport (By similarity). Similarity: Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior. Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	182358
NCBI GeneID	2168
UniProt Accession #	P07148
Molecular Weight	14kDa
NCBI Official Full Name	L-FABP
NCBI Official Synonym Full Names	fatty acid binding protein 1
NCBI Official Symbol	FABP1
NCBI Official Synonym Symbols	FABPL; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver
UniProt Protein Name	Fatty acid-binding protein, liver
UniProt Gene Name	FABP1
UniProt Synonym Gene Names	FABPL; L-FABP
UniProt Entry Name	FABPL_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fabp1-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328255>