Rabbit anti-Human FABP1 Polyclonal Antibody | anti-FABP1 antibody

FABP1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283227	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

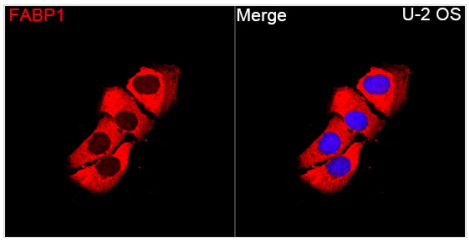
PRODUCT SYNONYMS

FABP1; Polyclonal Antibody; FABP1 Rabbit pAb; FABPL; L-FABP; fatty acid binding protein 1; anti-FABP1 antibody

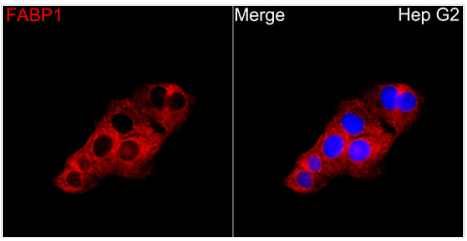
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MSFSGKYQLQ SQENFEAFMK AIGLPEELIQ KGKDIKGVSE IVQNGKHFKF TITAGSKVIQ NEFTVGEECE LETMTGEKVK TVVQLEGDNK LVTTFKNIKS
Applicable Applications for anti-FABP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human FABP1(NP_001434.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

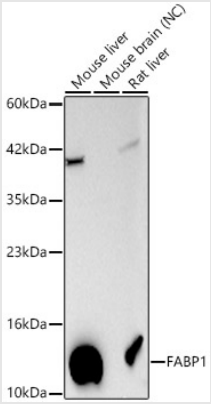
IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U-2 OS cells using FABP1 Rabbit pAb (AAA283227) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)
Immunofluorescence analysis of Hep G2 cells using FABP1 Rabbit pAb (AAA283227) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of various lysates using FABP1 Rabbit pAb (AAA283227) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Negative control (NC): Mouse brain.Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP1 antibody	This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. This protein and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.
Product Categories/Family for anti-FABP1 antibody	Cancer; Signal Transduction; Endocrine & Metabolism; Lipid Metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	182358
NCBI GeneID	2168
UniProt Accession #	P07148
Molecular Weight	Calculated MW: 14kDa Observed MW: 14kDa
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://www.aaabiotech.com/polyclonal/fabp1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283227