Anti-FABP1 antibody (1-100) (STJ11105450)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

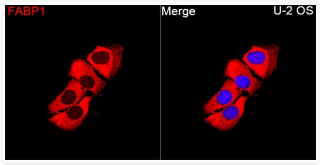
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 14kDa Observed Mw: 14kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

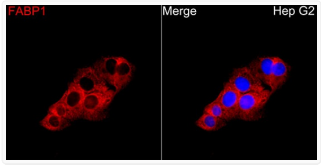
Gene ID	2168
Gene Symbol	FABP1
UniProt ID	FABPL_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MSFSGKYQLQSQENFEAFMK AIGLPEELIQKGKDIKGVSE IVQNGKHFKFTITAGSKVIQ NEFTVGEECELETMTGEKVK TVVQLEGDNKLVTTFKNIKS
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human FABP1 (NP_001434.1).

ADDITIONAL INFORMATION

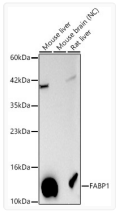
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of U-2 OS cells using FABP1 Rabbit polyclonal antibody (STJ11105450) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Hep G2 cells using FABP1 Rabbit polyclonal antibody (STJ11105450) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using FABP1 Rabbit polyclonal antibody (STJ11105450) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Negative control (NC) : Mouse brain. Exposure time: 90s.