



# FABP1 Rabbit mAb

<b>Catalog No</b>	YP-rAb-17027
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB,IHC,IF,ELISA
<b>Gene Name</b>	FABP1 FABPL
<b>Protein Name</b>	Fabp1
<b>Purification Process</b>	Protein A
<b>Specificity</b>	Endogenous
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15° C to -25° C/1 year(Do not lower than -25° C)
<b>Synonyms</b>	Fatty acid-binding protein, liver ; Fatty acid-binding protein 1 ; Liver-type fatty acid-binding protein ; L-FABP ;
<b>Observed Band</b>	14kD
<b>Calculated Molecular Weight</b>	14kD
<b>Cell Pathway</b>	Cytoplasm.
<b>Tissue Specificity</b>	
<b>Function</b>	Domain:Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.,Function: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.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,
<b>Background</b>	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. [provided by RefSeq, Mar 2011],



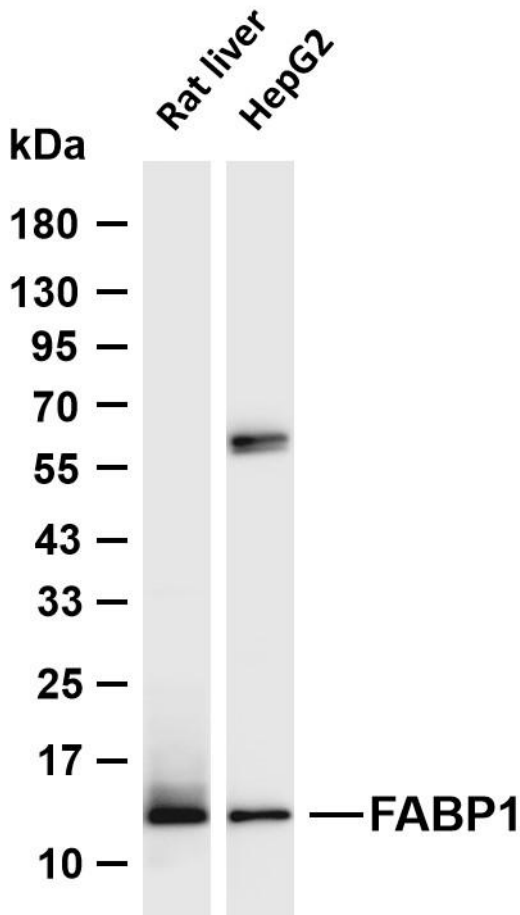


matters needing attention

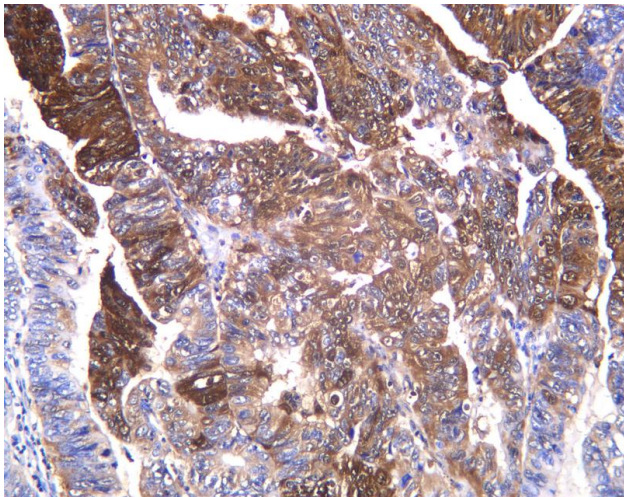
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-FABP1 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Rat liver Lane 2: HepG2 Predicted band size: 14kDa Observed band size: 14kDa



Human colon carcinoma was stained with anti-FABP1 Rabbit antibody

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