

For Research Use Only

FABP1 Monoclonal antibody

Catalog Number: 68227-1-Ig



Basic Information

Catalog Number: 68227-1-Ig	GenBank Accession Number: BC032801	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2168	CloneNo.: 1B6C8
Source: Mouse	Full Name: fatty acid binding protein 1, liver	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 127 aa, 14 kDa	
Immunogen Catalog Number: AG32836	Observed MW: 14 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat liver tissue, pig liver tissue, mouse liver tissue
Species Specificity: Human, pig, mouse, rat	

Background Information

FABP1, liver fatty acid-binding protein, is abundant in cytoplasm that regulates lipid transport and metabolism. It plays a role in lipoprotein-mediated cholesterol uptake in hepatocytes (PMID:25732850). FABP1 is mainly expressed in hepatocytes, enterocytes and to a lesser degree in renal tubular cells, associated with liver injury (PMID: 15653098). Levels of FABP1 was elevated in patients with hepatocyte injury secondary to alcohol or drug toxicity (PMID: 14563446).

Storage

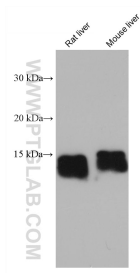
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

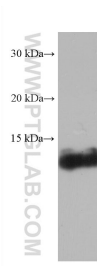
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68227-1-Ig (FABP1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



pig liver tissue were subjected to SDS PAGE followed by western blot with 68227-1-Ig (FABP1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.