

For Research Use Only

FABP1 Polyclonal antibody

Catalog Number: 13626-1-AP

Featured Product

28 Publications



Basic Information

Catalog Number:

13626-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4540

GenBank Accession Number:

BC032801

GeneID (NCBI):

2168

UNIPROT ID:

P07148

Full Name:

fatty acid binding protein 1, liver

Calculated MW:

127 aa, 14 kDa

Observed MW:

14 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, bovine

Positive Controls:

WB : mouse liver tissue, rat liver tissue

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 have been found to be elevated in patients with hepatocyte injury secondary to alcohol or drug toxicity (PMID: 14563446).

Notable Publications

Author	Pubmed ID	Journal	Application
Lei Ye	33491741	Int J Oncol	WB
Sonia Ortiz-Miranda	27659423	Am J Physiol Gastrointest Liver Physiol	WB
Letian Zhang	34481473	BMC Genomics	IHC

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

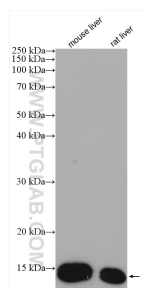
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13626-1-AP (FABP1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.