

For Research Use Only

FABP1 Polyclonal antibody, PBS Only

Catalog Number: 13626-1-PBS

Featured Product



Basic Information

Catalog Number:

13626-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

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

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

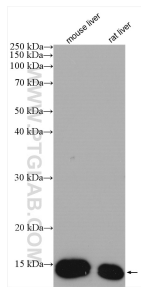
For technical support and original validation data for this product please contact:

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

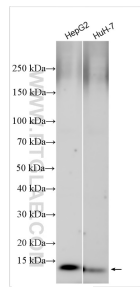
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

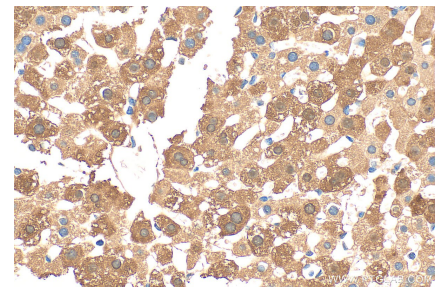
Selected Validation Data



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. This data was developed using the same antibody clone with 13626-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 13626-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 13626-1-AP (FABP1 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13626-1-PBS in a different storage buffer formulation.