

For Research Use Only

FABP1 Polyclonal antibody

Catalog Number: 13626-1-AP

Featured Product

23 Publications



Basic Information

| | | |
|---|--|--|
| Catalog Number: 13626-1-AP | GenBank Accession Number: BC032801 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 2168 | Recommended Dilutions: WB 1:2000-1:16000 |
| Source: Rabbit | Full Name: fatty acid binding protein 1, liver | |
| Isotype: IgG | Calculated MW: 127 aa, 14 kDa | |
| Immunogen Catalog Number: AG4540 | Observed MW: 14 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : mouse liver tissue, rat liver tissue |
| Cited Applications: IF, IHC, IP, WB | |
| Species Specificity: human, mouse, rat | |
| Cited Species: human, rat, mouse, bovine | |

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

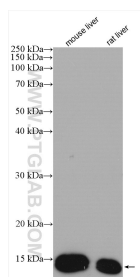
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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.