

For Research Use Only

FABP1 Recombinant monoclonal antibody

Catalog Number:86792-1-RR



Basic Information

Catalog Number: 86792-1-RR	GenBank Accession Number: NM_001443.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2168	CloneNo.: 251782A3
Source: Rabbit	UNIPROT ID: P07148	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: fatty acid binding protein 1, liver	
Immunogen Catalog Number: EG7273	Calculated MW: 14 kDa	
	Observed MW: 14 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, mouse liver tissue
Species Specificity: human, mouse	

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

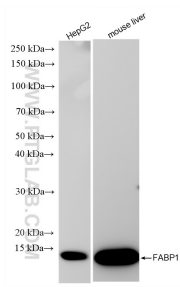
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86792-1-RR (FABP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.