

For Research Use Only

# Mouse FABP1 Recombinant monoclonal antibody, PBS Only

Catalog Number:86759-3-PBS



## Basic Information

<b>Catalog Number:</b> 86759-3-PBS	<b>GenBank Accession Number:</b> NM_017399.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 14080	<b>CloneNo.:</b> 251790G4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P12710	
<b>Isotype:</b> IgG	<b>Full Name:</b> fatty acid binding protein 1, liver	
<b>Immunogen Catalog Number:</b> EG7278	<b>Calculated MW:</b> 14 kDa	
	<b>Observed MW:</b> 14 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat, pig

## 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

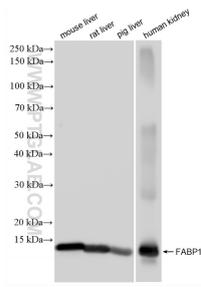
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86759-3-RR (FABP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86759-3-PBS in a different storage buffer formulation.