

For Research Use Only

# FABP6 Polyclonal antibody

Catalog Number: 13781-1-AP **5 Publications**



## Basic Information

<b>Catalog Number:</b> 13781-1-AP	<b>GenBank Accession Number:</b> BC022489	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2172	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P51161	
<b>Isotype:</b> IgG	<b>Full Name:</b> fatty acid binding protein 6, ileal	
<b>Immunogen Catalog Number:</b> AG4788	<b>Calculated MW:</b> 177 aa, 20 kDa	
	<b>Observed MW:</b> 14 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse small intestine tissue, IHC : human small intestine tissue, mouse small intestine tissue
<b>Cited Applications:</b> WB,IHC,IF	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Fatty acid binding protein 6 (FABP6, also known as the ileal bile acid binding protein IBABP) is regarded as a bile acid binding protein found in the distal portion of the small intestine and may be important in maintaining bile acid homeostasis (PMID: 25754072). FABP6 is reportedly up-regulated in colorectal cancer, it has been suggested as a link between bile acids and the risk of colorectal cancer (PMID: 17909007). And also, it was showed a potential drug target for the treatment of diabetes (PMID: 27500412). There are 2 isoforms of this protein, one of which is about 14 kDa we detected.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mingming Song	34653936	Biomaterials	WB
Yalong Wang	31753849	J Exp Med	IF
Jinxin Liu	34286573	J Agric Food Chem	WB

## Storage

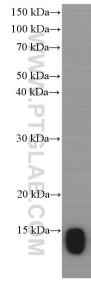
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

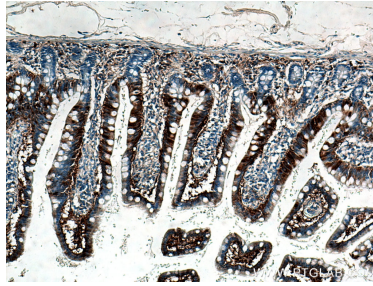
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

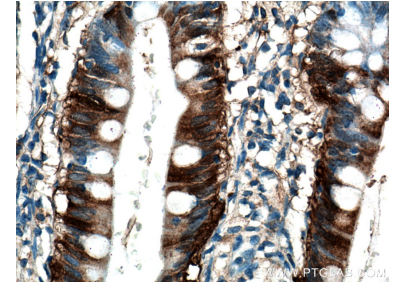
## Selected Validation Data



mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 13781-1-AP (FABP6 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



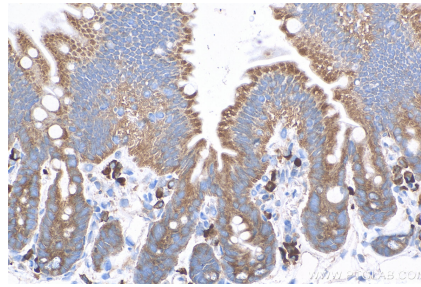
Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 13781-1-AP (FABP6 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 13781-1-AP (FABP6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 13781-1-AP (FABP6 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 13781-1-AP (FABP6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).