

For Research Use Only

FABP2 Monoclonal antibody, PBS Only

Catalog Number: 67691-1-PBS

Featured Product



Basic Information

Catalog Number:

67691-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17620

GenBank Accession Number:

BC069617

GeneID (NCBI):

2169

UNIPROT ID:

P12104

Full Name:

fatty acid binding protein 2, intestinal

Calculated MW:

132 aa, 15 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

2D11G6

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Species Specificity:

Human, mouse, rat, rabbit, pig

Background Information

FABP2, also known as the intestinal fatty acid binding protein (I-FABP), is expressed in the absorptive intestinal villus cells. It is mainly involved in intracellular transport and intestinal absorption of lipids. FABP2 has been considered a marker of mucosal injury and ischemia and serum I-FABP level is used as a tissue damage indicator. In addition, it is a marker of differentiated intestinal epithelial cells.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

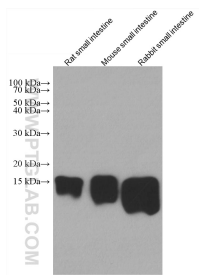
T: 4006900926

E: Proteintech-CN@ptglab.com

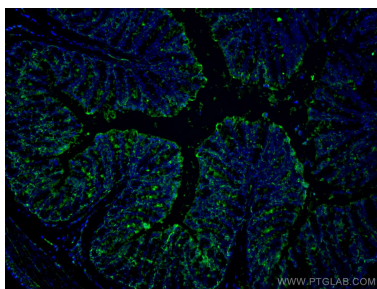
W: ptgcn.com

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

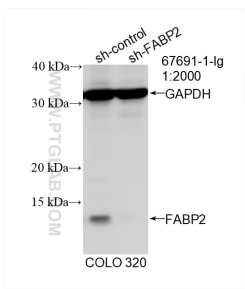
Selected Validation Data



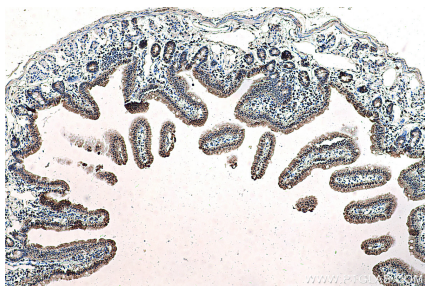
Various lysates were subjected to SDS PAGE followed by western blot with 67691-1-Ig (FABP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



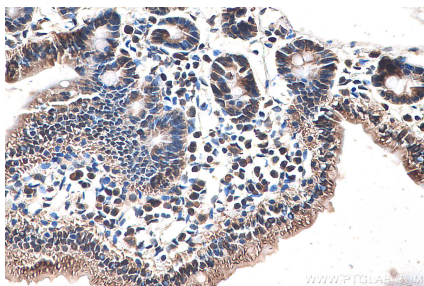
Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using FABP2 antibody (67691-1-Ig, Clone: 2D11G6) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



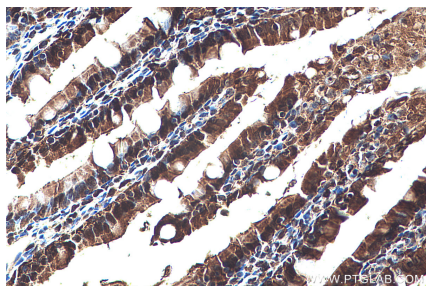
WB result of FABP2 antibody (67691-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FABP2 transfected COLO 320 cells. This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



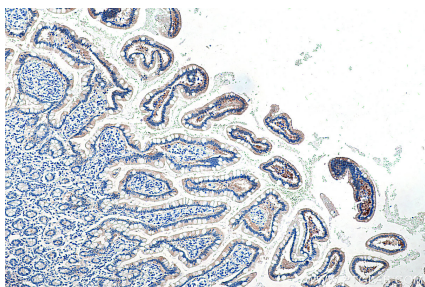
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



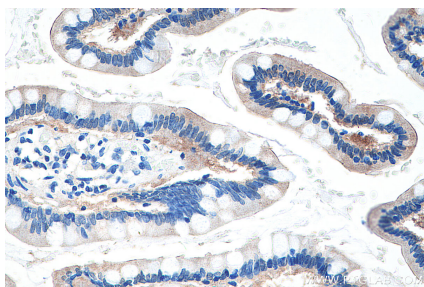
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.