

# Product Datasheet

## **FABP2/I-FABP Antibody (5W9L6)** **NBP3-16717-100ul**

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16717-100ul**

FABP2/I-FABP Antibody (5W9L6)

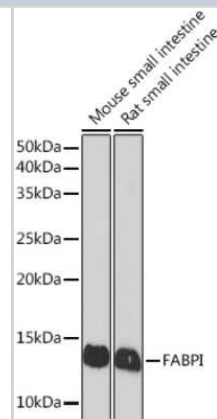
| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | 5W9L6                                                                                       |
| Preservative        | 0.02% Sodium Azide                                                                          |
| Isotype             | IgG                                                                                         |
| Purity              | Affinity purified                                                                           |
| Buffer              | PBS (pH 7.3), 50% glycerol, 0.05% BSA                                                       |

| Product Description |                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Rabbit                                                                                                                                                                                                                   |
| Gene ID             | 2169                                                                                                                                                                                                                     |
| Gene Symbol         | FABP2                                                                                                                                                                                                                    |
| Species             | Mouse, Rat                                                                                                                                                                                                               |
| Immunogen           | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human FABP2/I-FABP (P12104).<br>MAFDSTWKVD RSENYDKFMEKMGVNIVKRKLAHDNLKLTITQEGNKFTVKES<br>SAFRNIEVV FELGVTFNYNLADGTEL RGTWSLEG NKLI GKFKRTDNG |

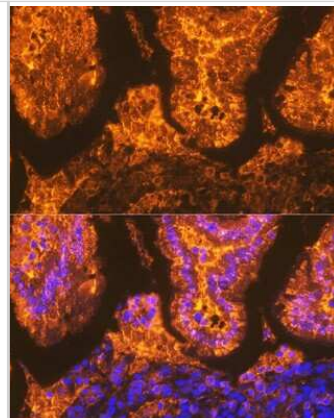
| Product Application Details |                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                      |
| Recommended Dilutions       | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:200-1:500 |

**Images**

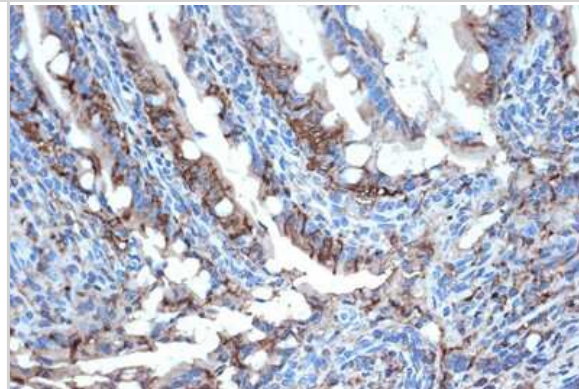
Western Blot: FABP2/I-FABP Antibody (5W9L6) [NBP3-16717] - Western blot analysis of extracts of various cell lines, using FABP2/I-FABP Rabbit mAb (NBP3-16717) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



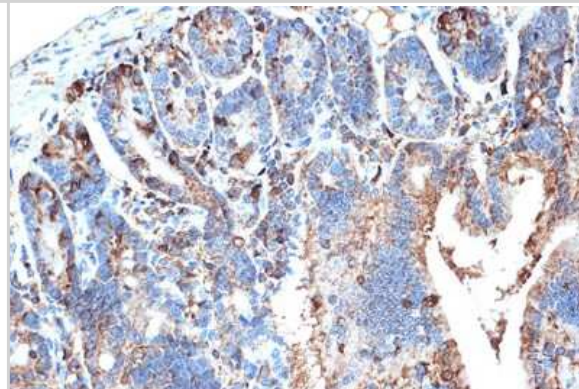
**Immunohistochemistry: FABP2/I-FABP Antibody (5W9L6) [NBP3-16717]**  
 - Immunofluorescence analysis of mouse intestine using FABP2/I-FABP Rabbit mAb (NBP3-16717) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



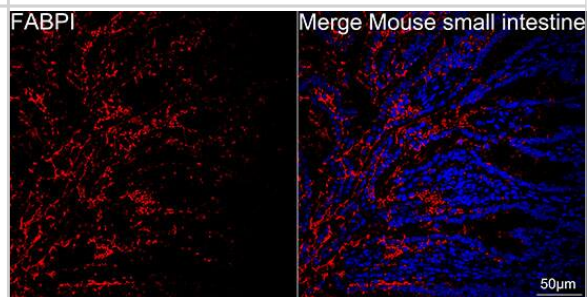
**Immunohistochemistry-Paraffin: FABP2/I-FABP Antibody (5W9L6) [NBP3-16717]** - Immunohistochemistry of paraffin-embedded rat intestine using FABP2/I-FABP Rabbit mAb (NBP3-16717) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



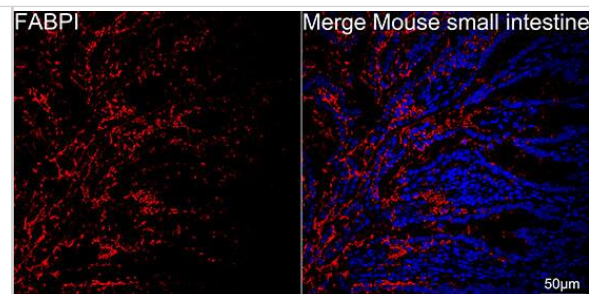
**Immunohistochemistry-Paraffin: FABP2/I-FABP Antibody (5W9L6) [NBP3-16717]** - Immunohistochemistry of paraffin-embedded mouse intestine using FABP2/I-FABP Rabbit mAb (NBP3-16717) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunocytochemistry/ Immunofluorescence: FABP2/I-FABP Antibody (5W9L6) [NBP3-16717]** - Confocal imaging of paraffin-embedded mouse small intestine using FABP2/I-FABP Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.



Immunocytochemistry/ Immunofluorescence: FABP2/I-FABP Antibody (5W9L6) [FABP2/I-FABP] - Confocal imaging of paraffin-embedded mouse small intestine using FABP2/I-FABP Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) .DAPI was used for nuclear staining (Blue). Objective: 40x.Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.





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### **Products Related to NBP3-16717-100ul**

|                |                                                     |
|----------------|-----------------------------------------------------|
| HAF008         | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160         | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891     | Rabbit IgG Isotype Control                          |
| NBP2-35004-5ug | Recombinant Human FABP2/I-FABP Protein              |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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