Product Datasheet

FABP2/I-FABP Antibody
NB100-59746

Unit Size: 0.1 mg
Store at -20C. Avoid freeze-thaw cycles.

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Updated 8/7/2018 v.20.1

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## Product Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>Concentration</td>
<td>0.5 mg/ml</td>
</tr>
<tr>
<td>Storage</td>
<td>Store at -20C. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Preservative</td>
<td>0.02% Sodium Azide</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG</td>
</tr>
<tr>
<td>Purity</td>
<td>Immunogen affinity purified</td>
</tr>
<tr>
<td>Buffer</td>
<td>Tris (pH 7.3), 0.5% BSA</td>
</tr>
<tr>
<td>Target Molecular Weight</td>
<td>15 kDa</td>
</tr>
</tbody>
</table>

## Product Description

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host</td>
<td>Goat</td>
</tr>
<tr>
<td>Gene ID</td>
<td>2169</td>
</tr>
<tr>
<td>Gene Symbol</td>
<td>FABP2</td>
</tr>
<tr>
<td>Species</td>
<td>Human, Mouse</td>
</tr>
<tr>
<td>Reactivity Notes</td>
<td>Predicted cross-reactivity based on sequence identity: Rat, Canine, Porcine, Bovine.</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Peptide with sequence C-EGVEAKRIFKKD corresponding to C-Terminus according to NP_000125.2.</td>
</tr>
</tbody>
</table>

## Product Application Details

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applications</td>
<td>Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA</td>
</tr>
<tr>
<td>Recommended Dilutions</td>
<td>Western Blot 0.001 ug/ml, Immunohistochemistry 2 - 3 ug/ml, Immunohistochemistry-Paraffin 2-3 ug/ml, Peptide ELISA Detection limit 1:64000</td>
</tr>
<tr>
<td>Application Notes</td>
<td>Western blot: A very strong approx 16kDa band observed in Human and Mouse Duodenum lysates (calculated MW of 15.2kDa according to NP_000125.1). In transfected HEK293 transiently expressing FABP2 a band of approx. 18kDa is observed. This band is not observed in the non-transfected HEK293. IHC: In paraffin embedded Human Small Intestine shows strong staining of basement membrane and weaker staining of enterocytes</td>
</tr>
</tbody>
</table>
Western Blot: FABP2/I-FABP Antibody [NB100-59746] - (0.001µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Immunohistochemistry-Paraffin: FABP2/I-FABP Antibody [NB100-59746] - (2.5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Western Blot: FABP2/I-FABP Antibody [NB100-59746] - HEK293 overexpressing FABP2 and probed with (mock transfection in first lane).

Publications


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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