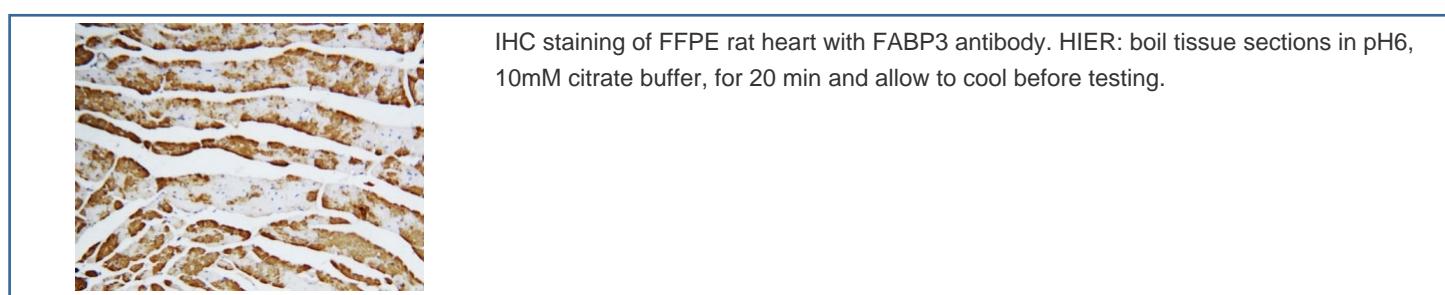
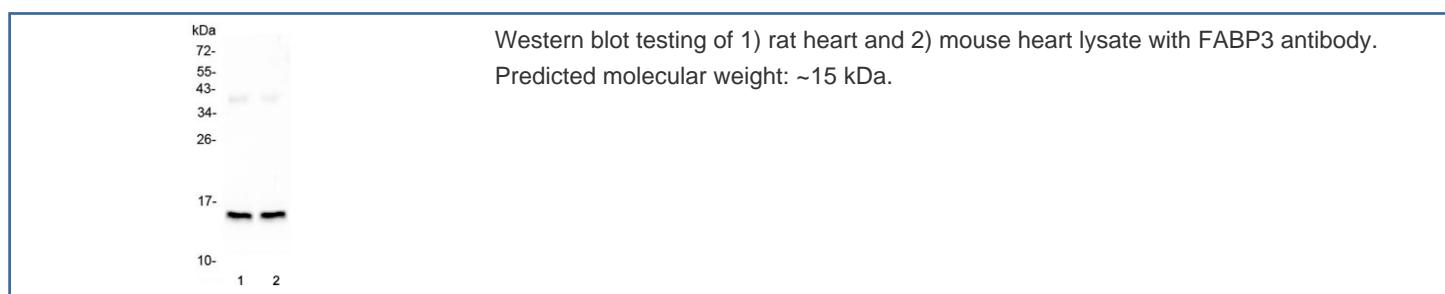


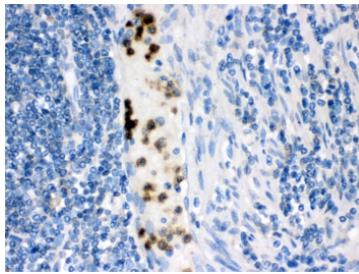
## FABP3 Antibody (cardiac) (R30401)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R30401      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

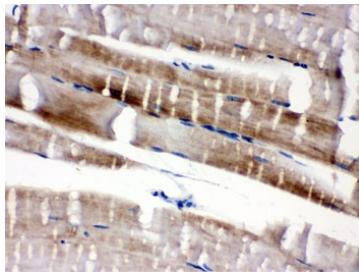
**Bulk quote request**

|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human, Mouse, Rat  |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)   |
| <b>Isotype</b>            | Rabbit IgG   |
| <b>Purity</b>             | Antigen affinity   |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal |
| <b>UniProt</b>            | P05413   |
| <b>Localization</b>       | Cytoplasmic, membrane  |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>IHC (FFPE) : 0.5-1ug/ml                     |
| <b>Limitations</b>        | This FABP3 antibody is available for research use only.                  |

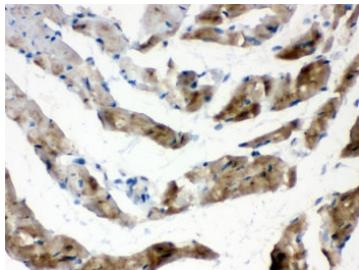




IHC staining of FFPE human intestinal cancer with FABP3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



IHC staining of FFPE mouse skeletal muscle with FABP3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



IHC staining of FFPE rat heart with FABP3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.

## Description

Heart-type fatty acid binding protein (hFABP) also known as mammary-derived growth inhibitor is a protein that in humans is encoded by the FABP3 gene. The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. The Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is also a candidate tumor suppressor gene for human breast cancer. Cardiac-type fatty acid-binding protein(cFABP) from human heart muscle of three individuals was isolated and characterized as pI 5.3-cFABP.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the FABP3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human FABP3 (THGTAVCTRTYEKEA) was used as the immunogen for this FABP3 antibody.

## Storage

After reconstitution, the FABP3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

