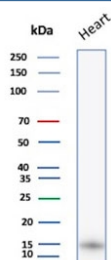


## FABP3 Antibody / Fatty Acid Binding Protein 3 [clone FABP3/8440] (V4867)

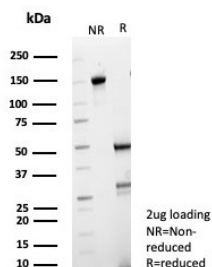
| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V4867-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4867-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V4867SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

[Bulk quote request](#)

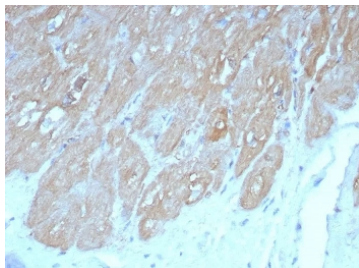
|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                  |
| <b>Species Reactivity</b> | Human                                                                              |
| <b>Format</b>             | Purified                                                                           |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                                          |
| <b>Isotype</b>            | Mouse IgG                                                                          |
| <b>Clone Name</b>         | FABP3/8440                                                                         |
| <b>Purity</b>             | Protein A/G affinity                                                               |
| <b>UniProt</b>            | P05413                                                                             |
| <b>Localization</b>       | Cytoplasm                                                                          |
| <b>Applications</b>       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT<br>Western Blot : 2-4ug/ml |
| <b>Limitations</b>        | This FABP3 antibody is available for research use only.                            |



Western blot testing of human heart lysate with FABP3 antibody. Predicted molecular weight ~14 kDa.



SDS-PAGE analysis of purified, BSA-free FABP3 antibody (clone FABP3/8440) as confirmation of integrity and purity.



IHC staining of FFPE human heart tissue with FABP3 antibody (clone FABP3/8440).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## Description

The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the FABP3 antibody should be determined by the researcher.

## Immunogen

A recombinant partial protein sequence (within amino acids 1-127) from the human protein was used as the immunogen for the FABP3 antibody.

## Storage

Aliquot the FABP3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.