

# Recombinant Heart Fatty Acid Binding Protein (H-FABP) / FABP3 Antibody

Rabbit Monoclonal Antibody [Clone FABP3/8535R]

| Catalog No       | Format                            | Size             |  |
|------------------|-----------------------------------|------------------|--|
| 2170-RBM15-P0    | Purified Ab with BSA and Azide    | 200ug/ml         |  |
| 2170-RBM15-P1    | Purified Ab with BSA and Azide    | 200ug/ml         |  |
| 2170-RBM15-P1ABX | Purified Ab WITHOUT BSA and Azide | 1.0mg/ml         |  |
|                  |                                   |                  |  |
| Applications     |                                   | Tostad Dillution |  |

#### Applications

Immunohistochemistry (IHC)

1-2ug/ml

## **Product Details**

| Clone                  | FABP3/8535R   |  |
|------------------------|---|--|
| Gene Name              | FABP3   |  |
| Immunogen              | Human recombinant FABP3 protein fragment (around aa1-127) (exact sequence is proprietary) |  |
| Host                   | Rabbit  |  |
| Clonality              | Monoclonal  |  |
| Isotype / Light Chain  | IgG / Kappa   |  |
| Mol. Weight of Antigen | 15kDa   |  |
| Cellular Localization  | Cytoplasm.  |  |
| Species Reactivity     | Human   |  |
| Positive Control       | Human heart or skeletal muscle.   |  |
|                        |   |  |

\*Optimal dilution for a specific application should be determined.

# Product Images for Recombinant Heart Fatty Acid Binding Protein (H-FABP) / FABP3 Antibody



SDS-PAGE Analysis of Purified FABP3 Recombinant Rabbit Monoclonal Antibody (FABP3/8535R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human heart stained with FABP3 Recombinant Rabbit Monoclonal Antibody (FABP3/8535R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



## **Specificity & Comments**

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.

#### **Research Areas**

Cardiovascular, Mesenchymal Stem Cell Differentiation

# **Known Applications & Suggested Dilutions**

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

# **Storage and Stability**

Antibody with azide - store at 2 to  $8^{\circ}$ C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

