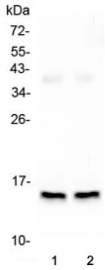
FABP3 Antibody (cardiac) (R30401)

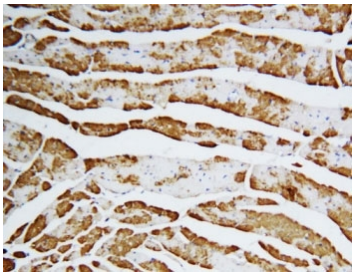
Catalog No.	Formulation	Size
R30401	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

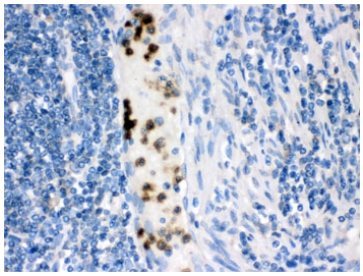
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P05413
Localization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



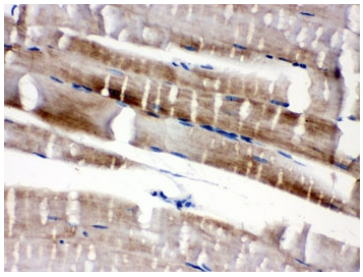
FABP3 Antibody Mouse Rat Heart WB. Western blot testing of 1) rat heart and 2) mouse heart lysate with FABP3 antibody. Predicted molecular weight: ~15 kDa.



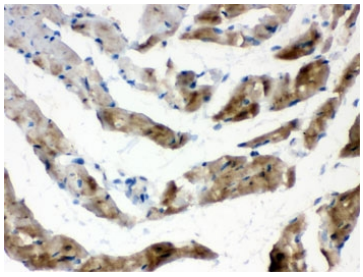
FABP3 Antibody Rat Heart IHC. Immunohistochemistry staining of FFPE rat heart with FABP3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



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.



FABP3 Antibody Skeletal Muscle IHC. Immunohistochemistry 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.



FABP3 Antibody FFPE Rat Heart Tissue IHC. Immunohistochemistry 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.

Explore our FABP3 Antibody page for additional western blot, immunohistochemistry, and microarray specificity validation data supporting studies of myocardial lipid transport and oxidative metabolism.

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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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