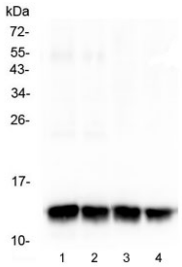
FABP3 Antibody [clone 6C4] (RQ4520)

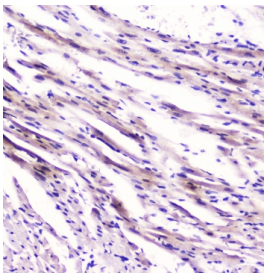
Catalog No.	Formulation	Size
RQ4520	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Name	6C4
Purity	Protein G affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P07483
Localization	Cytoplasm
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 1-2ug/ml ELISA: 0.1-0.5ug/ml (rat recombinant protein)
Limitations	This FABP3 antibody is available for research use only.



Western blot testing of different lots of 1) mouse heart, 2) mouse heart, 3) rat heart and 4) rat heart lysate with 0.5ug/ml of FABP3 antibody. Predicted molecular weight ~14 kDa.



FABP3 Antibody Rat Cardiac Tissue Immunohistochemistry. IHC testing of FFPE rat heart tissue with FABP3 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

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) belong to a multigene family. 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

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

Immunogen

Rat Cardiac FABP recombinant protein (amino acids A2-A133) was used as the immunogen for the 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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