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PRODUCT DATA SHEET

Heart Fatty Acid Binding Protein Human, Rabbit Polyclonal Antibody

Cat. No.: RD181247100
Size: 0.1 mg
Source of Antigen: E. coli
Type: Polyclonal Antibody
Host: Rabbit
Isotype: IgG

Other Names:
FABP3, Fatty acid-binding protein 3, H-FABP, Mammary-derived growth inhibitor, MDGI, Muscle fatty acid-binding protein, M-FABP, FABP11

Preparation:
The antibody was raised in rabbits by immunization with the recombinant Human FABP3.

Amino Acid Sequence of Immunogen:

The immunization antigen (15.97 kDa) is a protein containing 142 AA of recombinant Human FABP3. N-Terminal His-tag- 10 extra AA. UniProtKB acc.no. P05413.

MKHHHHHHAS VDAFLGTWKL VDSKNFDDYM KSLGVGFATR QVASMTKPTT IIEKNGDILT
LKTHSTFKNT EISFKLGVEF DETTADDRKV KSIVTLDGGK LVHLQKWDGQ ETTLVRELID
GKLILTLTHG TAVCTRTYEK EA

Purification Method:
Immunoaffinity chromatography on a column with immobilized recombinant Human FABP3.

Species Reactivity:
Human. Not yet tested in other species.

Antibody Content:
0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:
The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

Reconstitution:
Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:
At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:
The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C.Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:
SDS PAGE - to determine purity of the antibody
BCA - to determine quantity of the antibody

Note:
This product is for research use only.