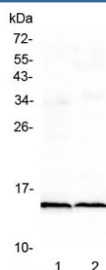


Fabp3 Antibody / hFabp (R32906)

Catalog No.	Formulation	Size
R32906	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	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P07483
Applications	Western Blot : 0.5-1ug/ml ELISA (Capture; Recombinant Rat Protein) : 0.1-0.5ug/ml (BSA-free format available)
Limitations	This Fabp3 antibody is available for research use only.



Western blot testing of 1) rat heart and 2) mouse heart lysate with Fabp3 antibody at 0.5ug/ml. Predicted molecular weight ~15 kDa.

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 pl 5.3-cFABP.

Application Notes

Optimal dilution of the Fabp3 antibody should be determined by the researcher.

Immunogen

A recombinant rat protein corresponding to 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.