



[Go to Product page](#)

Datasheet for ABIN6654044
anti-FABP3 antibody (AA 2-133)

4 Images

Overview

Quantity:	100 µg
Target:	FABP3
Binding Specificity:	AA 2-133
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human Cardiac FABP recombinant protein (amino acids V2-A133) was used as the immunogen for the FABP3 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	FABP3
Alternative Name:	FABP3 (cardiac) (FABP3 Products)
Background:	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

Target Details

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.

UniProt: [P05413](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Optimal dilution of the FABP3 antibody should be determined by the researcher. Western blot: 0.5-1 µg/mL, Immunohistochemistry (FFPE): 1-2 µg/mL, Direct ELISA: 0.1-0.5 µg/mL (recombinant human protein)

Restrictions: For Research Use only

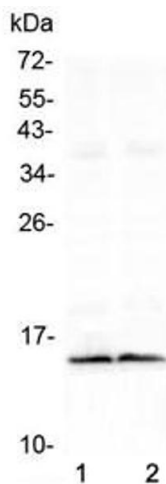
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

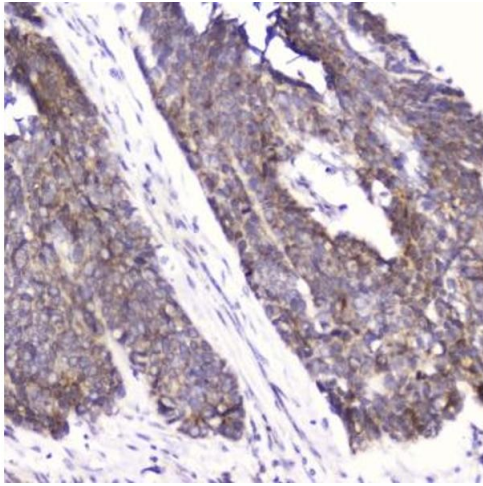
Storage Comment: After reconstitution, the FABP3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



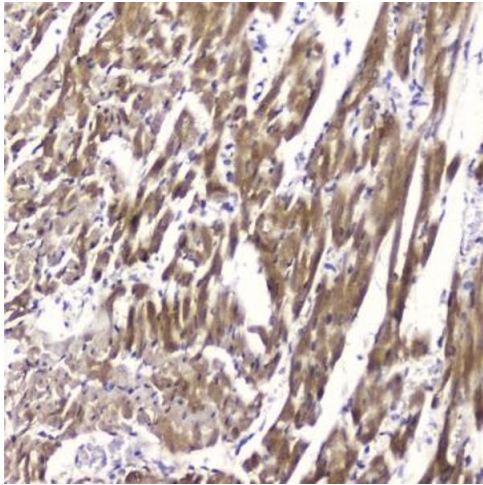
Western Blotting

Image 1. Western blot testing of two lots of mouse heart lysate with FABP3 antibody at 0.5ug/ml. Predicted molecular weight ~15 kDa.



Immunohistochemistry

Image 2. IHC testing of FFPE human esophageal squamous cell carcinoma with FABP3 antibody at 2ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



Immunohistochemistry

Image 3. IHC testing of FFPE rat heart tissue with FABP3 antibody at 2ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6654044.