Recombinant Heart Fatty Acid Binding Protein (H-FABP) / FABP3 Antibody

Rabbit Monoclonal Antibody [Clone FABP3/8535R]

Catalog No	Format	Size
2170-RBM15-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2170-RBM15-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2170-RBM15-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

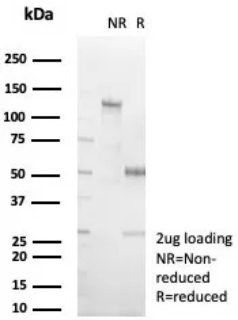
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

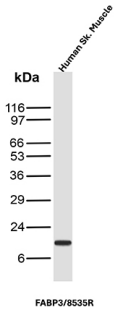
Clone	FABP3/8535R
Immunogen	Recombinant fragment (around aa13-133) of the human FABP3 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	14.86kDa
Cellular Localization	Cytoplasm
Species Reactivity	Human
Positive Control	Human heart or skeletal muscle.

**Optimal dilution for a specific application should be determined.*

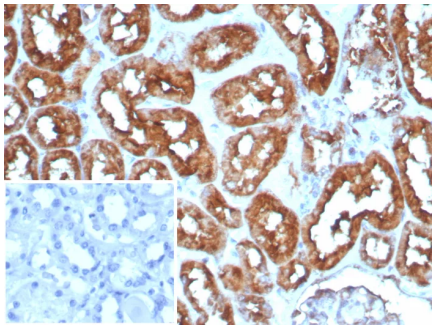
Product Images for Recombinant Heart Fatty Acid Binding Protein (H-FABP) / FABP3 Antibody



SDS-PAGE Analysis of Purified FABP3 Recombinant Rabbit Monoclonal Antibody (FABP3/8535R). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of Human Skeletal muscle tissue lysate using FABP3 Recombinant Rabbit Monoclonal Antibody (FABP3/8535R).



Formalin-fixed, paraffin-embedded human heart stained with FABP3 Recombinant Rabbit Monoclonal Antibody (FABP3/8535R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. Alternative splicing results in multiple transcript variants.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.