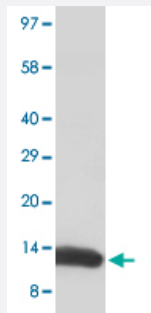


FABP3 polyclonal antibody

Catalog # PAB18291

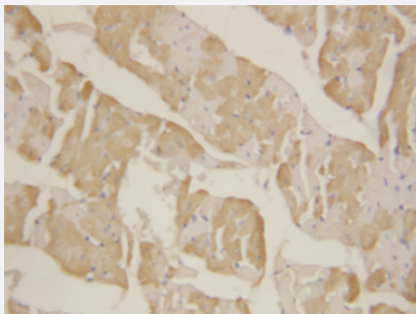
Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of rat heart tissue lysate with FABP3 polyclonal antibody (Cat # PAB18291).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded rat cardiac muscle with FABP3 polyclonal antibody (Cat # PAB18291).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FABP3.
Immunogen	A synthetic peptide corresponding to human FABP3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Lyophilized
Purification	Immunoaffinity purification
Concentration	0.5 mg/mL

Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1 ug/mL) Immunohistochemistry (Frozen sections)(1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of rat heart tissue lysate with FABP3 polyclonal antibody (Cat # PAB18291).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded rat cardiac muscle with FABP3 polyclonal antibody (Cat # PAB18291).

- Immunohistochemistry (Frozen sections)

Gene Info — FABP3

Entrez GeneID	2170
Gene Name	FABP3
Gene Alias	FABP11, H-FABP, MDGI, O-FABP
Gene Description	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)
Omim ID	134651
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

Fatty acid-binding protein 3, muscle|OTTHUMP00000003898|fatty acid binding protein 11|fatty acid binding protein 3|mammary-derived growth inhibitor

Pathway

- [PPAR signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Narcolepsy](#)
- [Schizophrenia](#)