FABP3 rabbit monoclonal antibody

Catalog # H00002170-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FABP3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human FABP3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human FABP3 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — FABP3

Entrez GeneID	2170
GeneBank Accession#	FABP3
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 div ided 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 tr ansport of long-chain fatty acids. They may also be responsible in the modulation of cell growth an d proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest gr owth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human bre ast cancer. [provided by RefSeq
Other Designations	Fatty acid-binding protein 3, muscle|OTTHUMP00000003898|fatty acid binding protein 11|fatty ac id 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