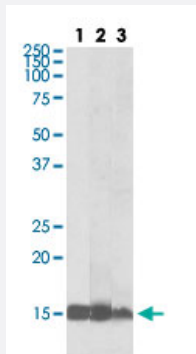


FABP3 polyclonal antibody

Catalog # PAB27682 Size 100 ug

Applications



Western Blot (Tissue lysate)

FABP3 polyclonal antibody (Cat # PAB27682) (0.01ug/ml) staining of Lane 1: human, Lane 2: mouse and Lane 3: rat heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of FABP3.
Immunogen	A synthetic peptide corresponding to internal region of human FABP3.
Sequence	PTTIEKNGDILTLK
Host	Goat
Theoretical MW (kDa)	15
Reactivity	Chicken, Human, Mouse, Rat
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.01-0.03ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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Gene Info — FABP3

Entrez GeneID[2170](#)**Protein Accession#**[NP_004093.1](#)**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](#)