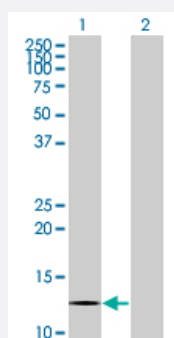


FABP3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002170-T01

Size 100 uL

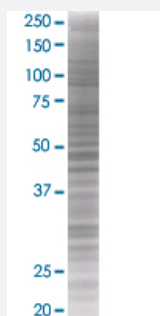
Applications



Western Blot

Lane 1: FABP3 transfected lysate (14.9 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

FABP3 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-FABP3 full-length

Host Human

Theoretical MW (kDa) 14.74

Quality Control Testing Transient overexpression cell lysate was tested with Anti-FABP3 antibody ([H00002170-B01](#)) by Western Blots.
Western Blot
Lane 1: FABP3 transfected lysate (14.9 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
FABP3 transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — FABP3

Entrez GeneID	2170
GeneBank Accession#	NM_004102
Protein Accession#	NP_004093
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](#)