

# FABP3 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP6528a

# Specification

# FABP3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession

<u>P05413</u>

# FABP3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 2170

#### **Other Names**

Fatty acid-binding protein, heart, Fatty acid-binding protein 3, Heart-type fatty acid-binding protein, H-FABP, Mammary-derived growth inhibitor, MDGI, Muscle fatty acid-binding protein, M-FABP, FABP3, FABP11, MDGI

### Target/Specificity

The synthetic peptide sequence used to generate the antibody <a href=/products/AP6528a>AP6528a</a> was selected from the N-term region of human FABP3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## FABP3 Antibody (N-term) Blocking Peptide - Protein Information

#### Name FABP3

Synonyms FABP11, MDGI

Function

FABPs are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.

Cellular Location Cytoplasm.



# FABP3 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

## Blocking Peptides

# FABP3 Antibody (N-term) Blocking Peptide - Images

## FABP3 Antibody (N-term) Blocking Peptide - Background

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.

### FABP3 Antibody (N-term) Blocking Peptide - References

Iwayama,Y., Am. J. Med. Genet. B Neuropsychiatr. Genet. (2009)Lazary,A., Eur. J. Endocrinol. 159 (2), 187-196 (2008)