

Datasheet for ABIN2778143  
**anti-FABP3 antibody (N-Term)**

3 Images

1 Publication

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## Overview

Quantity:	100 µL
Target:	FABP3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FABP3
Sequence:	NGDILTLKTH STFKNTEISF KLGVEFDETT ADDRKVKSIV TLDGGKLVHL
Predicted Reactivity:	Horse: 77%, Human: 100%, Rabbit: 92%, Rat: 77%
Characteristics:	This is a rabbit polyclonal antibody against FABP3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	FABP3
Alternative Name:	FABP3 ( <a href="#">FABP3 Products</a> )

## Target Details

Background:	<p>Fatty acid-binding protein 3 (FABP3) 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.</p> <p>Alias Symbols: MDGI, FABP11, H-FABP, M-FABP, O-FABP</p> <p>Protein Interaction Partner: NUP62, KIAA1598, UBC, Xpo1, PLK1, TNNI3K, VPS28,</p> <p>Protein Size: 133</p>
Molecular Weight:	15 kDa
Gene ID:	2170
NCBI Accession:	<a href="#">NM_004102</a> , <a href="#">NP_004093</a>
UniProt:	<a href="#">Q6IBD7</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 133 AA
Restrictions:	For Research Use only

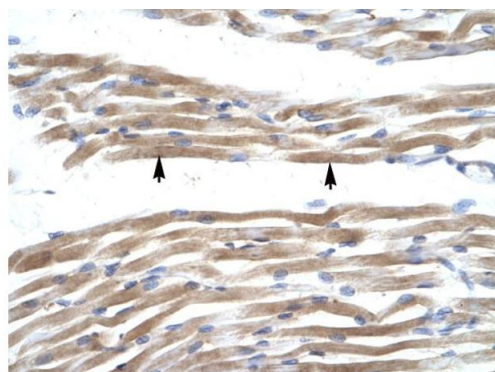
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

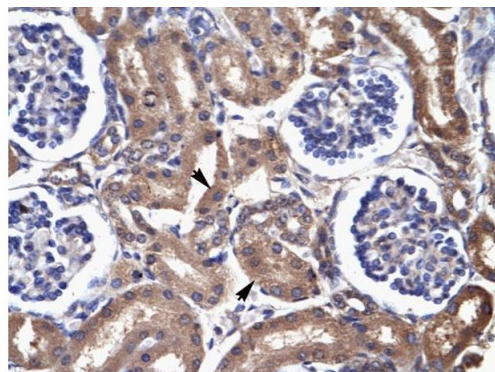
## Images



Rabbit Anti-FABP3 Antibody  
Catalog Number: ARP33823  
Lot Number: QC3042  
Paraffin Embedded Tissue: Human Muscle  
Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 1.** Human Muscle



Rabbit Anti-FABP3 Antibody  
Catalog Number: ARP33823  
Lot Number: QC3042  
Paraffin Embedded Tissue: Human Kidney  
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 2.** Human kidney



Western Blotting

**Image 3.** WB Suggested Anti-FABP3 Antibody Titration:  
0.5ug/ml Positive Control: Human heart