

## Product datasheet for **TA342388**

### FABP3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FABP3 antibody: synthetic peptide directed towards the middle region of human FABP3. Synthetic peptide located within the following region: DETTADDRKVKSIIVLDGGKLVHLQKWDGQETTLVRELIDGKLILTLTHG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	fatty acid binding protein 3
Database Link:	<a href="#">NP_004093</a> <a href="#">Entrez Gene 2170 Human P05413</a>
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. This gene is a candidate tumor suppressor gene for human breast cancer. [provided by RefSeq, Jul 2008]



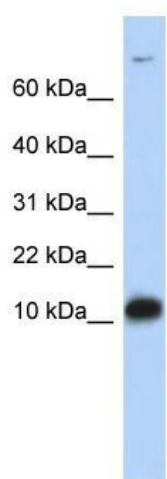
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**Synonyms:** FABP11; H-FABP; M-FABP; MDGI; O-FABP

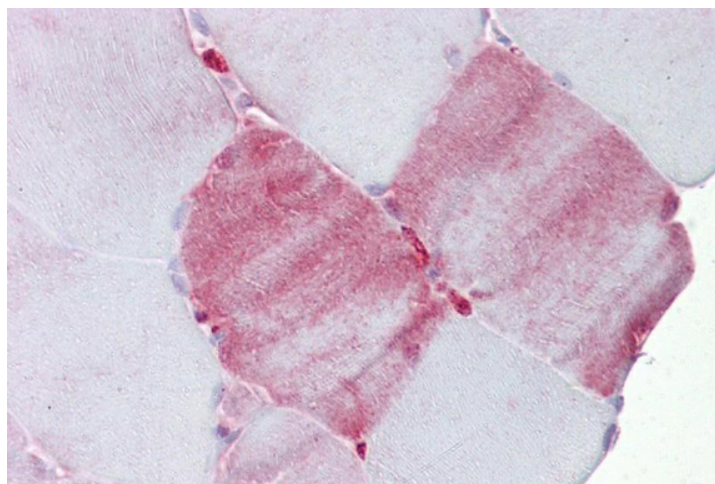
**Note:** Immunogen Sequence Homology: Pig: 100%; Human: 100%; Rat: 95%; Goat: 95%; Sheep: 95%; Bovine: 95%; Rabbit: 95%; Dog: 90%; Horse: 90%; Guinea pig: 90%; Mouse: 85%; Zebrafish: 80%

**Protein Pathways:** PPAR signaling pathway

**Product images:**



WB Suggested Anti-FABP3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human brain



Skeletal muscle