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# Product datasheet for TA342387

## 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: MTKPTTIIEKNGDILTLKTHSTFKNTEISFKLGVEFDETTADDRKVKSIV |
| **Formulation:** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br>*Note that this product is shipped as lyophilized powder to China customers.* |
| **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:** | NP_004093<br>Entrez Gene 2170 Human<br>P05413 |
| **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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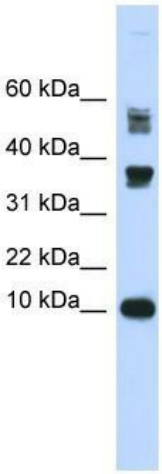
**Synonyms:** FABP11; H-FABP; M-FABP; MDGI; O-FABP

**Note:** Immunogen Sequence Homology: Human: 100%; Rabbit: 95%; Rat: 85%; Horse: 80%; Mouse: 80%; Dog: 75%; Pig: 75%; Guinea pig: 75%

**Protein Pathways:** PPAR signaling pathway

## Product images:




WB Suggested Anti-FABP3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Human heart

Immunohistochemistry with Skeletal muscle tissue