

# Immunotag™ S27A6 Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                                          |
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| Catalog No.            | ITN2260                                                                                                                                                                                                                                                                                                                                                                  |
| Product Description    | Immunotag™ S27A6 Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                     |
| Size                   | 50 µg, 100 µg                                                                                                                                                                                                                                                                                                                                                            |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                                                                                                                                                                                                                            |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.                                                                                                                                                                                                       |
| Target Protein         | S27A6                                                                                                                                                                                                                                                                                                                                                                    |
| Clonality              | Polyclonal                                                                                                                                                                                                                                                                                                                                                               |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                             |
| Application            | WB,ELISA                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilution   | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                         |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                  |
| Reactive Species       | Human                                                                                                                                                                                                                                                                                                                                                                    |
| Host Species           | Rabbit                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen              | Synthesized peptide derived from human protein . at AA range: 270-350                                                                                                                                                                                                                                                                                                    |
| Specificity            | S27A6 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                          |
| Purification           | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen                                                                                                                                                                                                                                                     |
| Form                   | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                           |
| Gene Name              | SLC27A6 ACSVL2 FACVL2 FATP1                                                                                                                                                                                                                                                                                                                                              |
| Accession No.          | Q9Y2P4                                                                                                                                                                                                                                                                                                                                                                   |
| Description            | solute carrier family 27 member 6(SLC27A6) Homo sapiens This gene encodes a member of the fatty acid transport protein family (FATP). FATPs are involved in the uptake of long-chain fatty acids and have unique expression patterns. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008], |

## Antibody Specification

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| Cell Pathway/<br>Category   | PPAR,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Protein Expression          | Brain,Liver,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Subcellular<br>Localization | plasma membrane,integral component of membrane,sarcolemma,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Function            | function:Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. Thought to function as the predominant fatty acid protein transporter in heart.,similarity:Belongs to the ATP-dependent AMP-binding enzyme family.,subcellular location:In heart is exclusively located on the sarcolemma in areas juxtaposed with small blood vessels where it colocalizes CD36.,tissue specificity:Strongly expressed in heart and localizes to cardiac myocytes. Expressed at moderate levels in placenta, testis, and adrenal glands. Expressed at very low levels in kidney, bladder and uterus., |
| Usage                       | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |