



# Human PNPLA2 blocking peptide (CDBP2339)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-PNPLA2/Desnutrin antibody                                                                                                                                                                          |
| <b>Antigen Description</b> | This gene encodes an enzyme which catalyzes the first step in the hydrolysis of triglycerides in adipose tissue. Mutations in this gene are associated with neutral lipid storage disease with myopathy. [provided by RefSeq, Jul 2010] |
| <b>Species</b>             | Human                                                                                                                                                                                                                                   |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                            |
| <b>Applications</b>        | Apuri, BL, ELISA                                                                                                                                                                                                                        |
| <b>Format</b>              | Lyophilized powder                                                                                                                                                                                                                      |
| <b>Size</b>                | 100 µg                                                                                                                                                                                                                                  |
| <b>Preservative</b>        | None                                                                                                                                                                                                                                    |
| <b>Storage</b>             | Shipped at ambient temperature, store at -20°C.                                                                                                                                                                                         |

## GENE INFORMATION

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| <b>Gene Name</b>       | <a href="#">PNPLA2 patatin-like phospholipase domain containing 2 [ Homo sapiens ]</a>                                                                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | PNPLA2                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | PNPLA2; patatin-like phospholipase domain containing 2; patatin-like phospholipase domain-containing protein 2; ATGL; desnutrin; FP17548; TTS 2.2; TTS2.2; IPLA2-zeta; triglyceride hydrolase; adipose triglyceride lipase; transport-secretion protein 2.2; pigment epithelium-derived factor; calcium-independent phospholipase A2; TTS2; PEDF-R; TTS-2.2; 1110001C14Rik; DKFZp667M109; |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez Gene ID</b>      | <a href="#">57104</a>                                                                                                                                                      |
| <b>mRNA Refseq</b>         | <a href="#">NM_020376</a>                                                                                                                                                  |
| <b>Protein Refseq</b>      | <a href="#">NP_065109</a>                                                                                                                                                  |
| <b>UniProt ID</b>          | Q96AD5                                                                                                                                                                     |
| <b>Chromosome Location</b> | 11p15.5                                                                                                                                                                    |
| <b>Pathway</b>             | Fatty Acid Beta Oxidation, organism-specific biosystem; Triacylglyceride Synthesis, organism-specific biosystem; triacylglycerol degradation, organism-specific biosystem; |
| <b>Function</b>            | hydrolase activity; retinyl-palmitate esterase activity; triglyceride lipase activity;                                                                                     |