

Product Information

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| Product SKU: | CAB14111 | Gene ID: | 23175 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Mouse,Rat |

Additional Information

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| Observed MW: | 130kDa | Conjugate: | Unconjugated |
| Calculated MW: | 99kDa | Isotype: | IgG |

Immunogen Information

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| Background: | This gene encodes a magnesium-ion-dependent phosphatidic acid phosphohydrolase enzyme that catalyzes the penultimate step in triglyceride synthesis including the dephosphorylation of phosphatidic acid to yield diacylglycerol. Expression of this gene is required for adipocyte differentiation and it also functions as a nuclear transcriptional coactivator with some peroxisome proliferator-activated receptors to modulate expression of other genes involved in lipid metabolism. Mutations in this gene are associated with metabolic syndrome, type 2 diabetes, acute recurrent rhabdomyolysis, and autosomal recessive acute recurrent myoglobinuria (ARARM). This gene is also a candidate for several human lipodystrophy syndromes. |
| Recommended Dilution: | WB,1:500 - 1:1000 |
| Synonyms: | PAP1; Lipin 1 |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 261-414 of human Lipin 1 (NP_663731.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. |