

CAB3326

Product Information

Product SKU:	CAB3326	Gene ID:	23175	Size:	20uL, 100uL
Clone No:	ARC1945	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

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

Immunogen Information

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 101-200 of human Lipin 1 (Q14693).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.