

Product datasheet for **AP33139SU-N**

LSDP5 (PLIN5) (N-term) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western Blot: 1/2000. Cytological Material. Immunohistochemistry on Cells and Frozen Tissues: 1/100-1/200. Incubation Time: 1 h at room temperature or over night at 2-8°C.
Reactivity:	Bovine, Human, Mouse, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to the N-terminal aa 1-17/16-36 of Human MLDP
Specificity:	MLDP = myocardial lipid droplet protein (also described as OXPAT/PAT-1). MLDP pertains to the PAT-family proteins, covering the surface of cytoplasmic lipid droplets and sharing a homologous domain called PAT. Additional PAT proteins include adipophilin (ADRP), perilipin, and TIP47 which are expressed in differentiation-related stages of lipid metabolism. Tissue Immunolocalization: MLDP is positively detected in heart, skeletal muscle. Tested Reactivities on Cultured Cell Lines: HaCat (human), SV80 (human), 3T3-L1 (mouse).
Formulation:	State: Serum State: Liquid Stabilized Serum. Contains 0.09% Sodium Azide and 0.5% BSA
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	perilipin 5
Database Link:	Entrez Gene 66968 Mouse Entrez Gene 440503 Human Q00G26
Synonyms:	LSDP5, PLIN5, OXPAT



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