

Product datasheet for **AP09535SU-N**

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

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/1000-1/2000. 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 C-terminal (aa 451-463) of Human MLDP.
Specificity:	This antibody reacts with MLDP = myocardial lipid droplet protein (also described as OXPAT/PAT-1), MW 50,844 (calculated from aa sequence data); Apparent Mr 52,000 (after SDS-PAGE). 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 Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store 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
Background:	MLDP pertains to the PAT-family proteins, covering the surface of cytoplasmic lipid droplets and sharing a homologous domain called PAT. Additional PAT proteins (perilipins 1 - 5) including adipophilin (ADRP/perilipin 2), perilipin (perilipin 1), and TIP47 (perilipin 3) are expressed in differentiation-related stages of lipid metabolism.
Synonyms:	LSDP5, PLIN5, OXPAT



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