

Product datasheet for **AP09538SU-N**

Plin3 (N-term) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunoblotting (Western): 1/2000 (ECL). Immunohistochemistry on Frozen Sections: 1/100-1/200 for 1h at RT. Immunohistochemistry on Paraffin Sections: 1/100-1/200 for 1h at RT (Microwave treatment required).
Reactivity:	Mouse, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of murine TIP47 N-terminus (amino acids 1-14)
Specificity:	TIP47 shows about 40% sequence homology to Adipophilin. This antiserum AP09538SU-N, however is specific for TIP47 and does not cross-react with Adipophilin and Perilipin or other proteins of the PAT family. Tested Reactivity on Cultured Cell Lines: 3T3 and OP9 cells (Mouse). Negative Species: Human.
Formulation:	State: Serum State: Stabilized antiserum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	47 262 (Calculated from aa sequence data), Apparent 52 000 (after SDS-PAGE)
Gene Name:	perilipin 3
Database Link:	Entrez Gene 66905 Mouse Q9DBG5
Background:	TIP47 (tail-interacting protein of 47 kD) is involved in lipid droplet maturation. The protein has been localized on the surface of lipid droplets present in many cells and tissues, especially in milk fat globule membranes of human and bovine origin.



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Synonyms: M6PRBP1; PP17; TIP47

Note: pI = 5.45