

Product datasheet for **BP5033**

Perilipin-1 (PLIN1) (C-term) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/2000 (ECL) Immunohistochemistry on Frozen Sections: 1/100-1/200 for 1 h at RT. Immunohistochemistry on Paraffin Sections: 1/100-1/200 for 1 h at RT. Microwave treatment required (for protocol cf. Straub et al. 2008).
Reactivity:	Bovine, Human
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	C-terminus of Perilipin-1 (hCTA/B; aa 507-519; cf. <i>Greenberg et al.</i> 1992, JBC 266, 11341-11346)
Specificity:	The antiserum reacts specifically with Perilipins located at the surface of intracellular storage lipid droplets present e.g. in the adrenal gland, adipocytes of white and brown adipose tissue and cultured cells such as 3T3-L1 adipocytes and cultured steroidogenic adrenal cortical and Leydig cells. The antiserum does not cross-react with Adipophilin (ADRP) or TIP47 proteins (additional members of the PAT-family).
Formulation:	State: Serum State: Liquid Stabilized Antiserum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	perilipin 1
Database Link:	Entrez Gene 5346 Human O60240
Background:	Perilipins build a family of phosphoproteins. The predominant forms in adipocytes, perilipin A and B arise by alternative RNA splicing from a single gene, generating polypeptides of 57 and 46 kD, respectively.



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Synonyms: Perilipin, PLIN, PLIN1, PLIN-1, PERI

Protein Families: Druggable Genome

Protein Pathways: PPAR signaling pathway