

Product datasheet for **BP5018**

Perilipin 3 (PLIN3) (C-term) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/1000 (ECL). Immunohistochemistry on Frozen Sections: 1/100-1/200. Immunohistochemistry on Paraffin Sections: 1/100-1/200 after microwave treatment (See Straub et al. 2008 for protocol). Incubation Time: 1 h at RT for immunohistochemistry.
Reactivity:	Human
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of TIP47 C-terminus (hCTA/B; aa 420 - 431); C-terminal epitope.
Specificity:	This antibody recognizes TIP47 / PP17 / PLIN3 (C-terminus). This antiserum, however, is specific for TIP47 (PLIN3) and does not cross-react with Adipophilin (PLIN2) and Perilipin (PLIN1) or other closely related members of the PLIN/PAT-family. Tested Reactivity on Cultured Cell Lines: PLC.
Formulation:	State: Serum State: Liquid Serum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	perilipin 3
Database Link:	Entrez Gene 10226 Human O60664



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Background: TIP47 (tail-interacting protein of 47 kD; also named PLIN3) is involved in lipid droplet maturation (see e.g. Bulankina 2003 and 2009). The protein has been localized in milk fat globule membranes of human and bovine origin. It has been described also as a placental protein. Increased amounts of TIP47 are secreted into circulation of cervix carcinoma patients. After radical surgery TIP47 serum levels are decreased (cf. Than et al.). TIP47 shows about 40% sequence homology to adipophilin (PLIN2).

Synonyms: M6PRBP1; PP17; TIP47

Protein Families: Druggable Genome