

## Product datasheet for **BP5017**

### Perilipin 3 (PLIN3) (N-term) Guinea Pig Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Immunohistochemistry on Frozen Sections:</b> 1/100-1/200 for 1h at RT. <b>Immunohistochemistry on Paraffin Sections:</b> 1/100-1/200 for 1h at RT after microwave treatment (for Protocol <i>cf. Straub et al. 2008</i> ). <b>Western blot:</b> 1/1000 (ECL).
Reactivity:	Bovine, Human
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of TIP47 N-terminus (aa 1-16).
Specificity:	The antibody is specific for TIP47 and does not cross-react with Adipophilin and Perilipin. <b>Tested Reactivity on Cultured Cell Lines:</b> e.g. PLC cells, pretreated with oleic acid.
Formulation:	State: Serum State: Liquid Serum containing 0.09% sodium azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	perilipin 3
Database Link:	<a href="#">Entrez Gene 10226 Human O60664</a>
Background:	TIP47 has been described as cargo protein involved in the trafficking of the mannose-6-phosphate receptor between endosomes and the Golgi complex ( <i>cf. Diaz &amp; Pfeffer</i> ; for alternative discussions of its role see e.g. Bulankina). 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 are secreted into circulation of cervix carcinoma patients. After radical surgery TIP47 serum levels are decreased ( <i>cf. Than et al.</i> ). The protein probably is significant as an oncodevelopmental marker. TIP47 shows about 40% sequence homology to adipophilin.
Synonyms:	M6PRBP1; PP17; TIP47



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