Anti-TIP47/ PP17/ PLIN3, N-terminus-specific

Catalog No. GP30
Quantity 100 µl

Source guinea pig polyclonal
Immunogen synthetic peptide of TIP47 N-terminus (aa 1 – 16)
UniProt ID O60664
Reactivity human, bovine
Purification stabilized antiserum
Conjugate unconjugated
Formulation contains 0.09% sodium azide
Storage short term at 2 – 8 °C; long term storage in aliquots at -20 °C; avoid freeze/ thaw cycles

Tested Applications
IHC (FFPE) 1:100 – 1:200 (microwave treatment recommended)
IHC (frozen) 1:100 – 1:200
WB 1:1000

Background
TIP47 (tail-interacting protein of 47 kD; also named PLIN3) is involved in lipid droplet maturation (see 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 (see Than et al.). TIP47 shows about 40% sequence homology to adipophilin (PLIN2). The GP30 antiserum, however, is specific for TIP47 (PLIN3) and does not cross-react with adipophilin (PLIN2) and perilipin (PLIN1) or other proteins of the PLIN/PAT family.

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References


