

Goat anti-perilipin 3 / TIP47 (aa154-167) Antibody

Item Number	dAP-2769
Target Molecule	Principle Name: perilipin 3 / TIP47 (aa154-167); Official Symbol: PLIN3; All Names and Symbols: PLIN3; perilipin 3; M6PRBP1; MGC11117; MGC2012; PP17; TIP47; 47 kDa MPR-binding protein; cargo selection protein TIP47; mannose-6-phosphate receptor-binding protein 1; perilipin-3; placental protein 17; tail-interacting protein, 47 kD; Accession Number (s): NP_005808.3; NP_001157661.1; NP_001157666.1; Human Gene ID(s): 10226; Non-Human GeneID(s):
Immunogen	TRGAVQSGVDKTKS, is from internal region This antibody is expected to recognize all reported isoforms (NP_005808.3; NP_001157661.1; NP_001157666.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 48kDa+45kDa double bands observed in lysates of cell line HeLa and of Human Colon cancer (calculated MW of 47.1kDa according to NP_NP_005808.3, 46.9kDa according to NP_001157661.1 and 45.8kDa according to NP_001157666.1). The observe
IHC	
Reference	Reference(s): Hocsak E, Racz B, Szabo A, Mester L, Rapolti E, Pozsgai E, Javor S, Bellyei S, Gallyas F Jr, Sumegi B, Szigeti A. TIP47 protects mitochondrial membrane integrity and inhibits oxidative-stress-induced cell death. FEBS Lett. 2010 Jul 2;584(13):2953-60..PMID: 20556887->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**