

Goat anti-Perilipin (C Terminus) Antibody

Item Number	dAP-1092
Target Molecule	Principle Name: Perilipin (C Terminus); Official Symbol: PLIN; All Names and Symbols: Plin; perilipin; PERI; lipid droplet-associated protein; Accession Number (s): NP_002657.2; Human Gene ID(s): 5346; Non-Human GeneID(s): 25629 (rat)
Immunogen	EPILGRAQYSQLRKK, is from C Terminus
Applications	Pep ELISA, WB, IHC, IF Species Tested: Human, Mouse
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 32000.
Western Blot	Western Blot: Approx 55-60kDa band observed in Human Adipose lysate (calculated MW of 56.0kDa according to NP_002657.2). Recommended concentration: 0.01-0.03 µg/ml. Primary incubation 1 hour at room temperature.
IHC	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 4µg/ml.
Reference	Reference(s): Wolins NE, Brasaemle DL, Bickel PE. A proposed model of fat packaging by exchangeable lipid droplet proteins. FEBS Lett. 2006 Oct 9;580(23):5484-91. Epub 2006 Sep 1. Review. .PMID: 16962104 ->

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**