

Product datasheet for **AP22521PU-N**

Perilipin-1 (PLIN1) (488-499) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/128000. Immunohistochemistry on Paraffin Sections: 2 µg/ml. Western Blot: 0.01 µg/ml.
Reactivity:	Human, Monkey
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from internal region of human PLIN
Specificity:	This antibody detects Perilipin-1 at aa 488-499.
Formulation:	Tris saline buffer, pH 7.3, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	perilipin 1
Database Link:	Entrez Gene 5346 Human O60240
Background:	Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness. Plays a role in unilocular lipid droplet formation by activating CIDEC. Their interaction promotes lipid droplet enlargement and directional net neutral lipid transfer. May modulate lipolysis and triglyceride levels.
Synonyms:	Perilipin, PLIN, PLIN1, PLIN-1, PERI

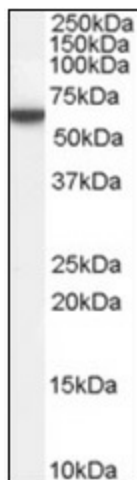


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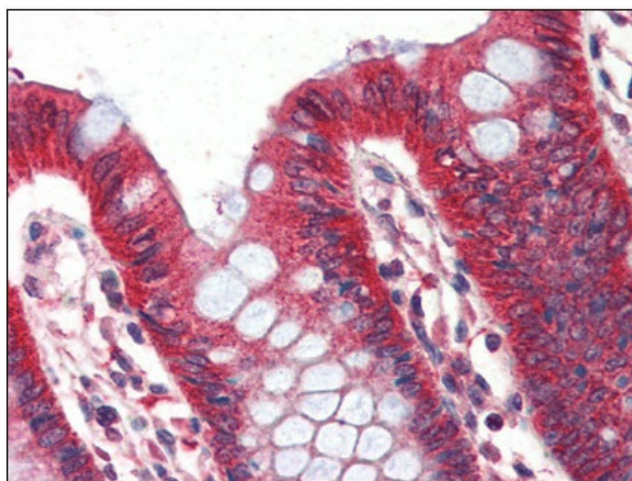
Protein Families: Druggable Genome

Protein Pathways: PPAR signaling pathway

Product images:



Antibody (0.01 ug/ml) staining of Human Adipose lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Human Colon (formalin-fixed, paraffin-embedded) stained with PLIN antibody at 2 ug/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.