

Rabbit anti-Human, Rat Perilipin-2 Polyclonal Antibody | anti-PLIN2 antibody

Perilipin-2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282404	Rabbit	Human, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

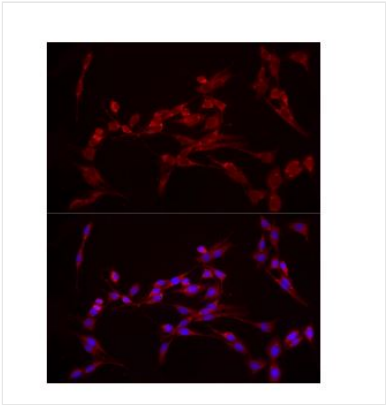
PRODUCT SYNONYMS

Perilipin-2; Polyclonal Antibody; Perilipin-2 Rabbit pAb; ADFP; ADRP; anti-PLIN2 antibody

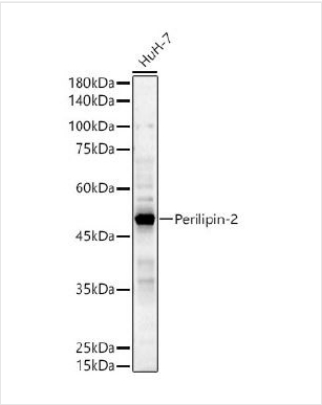
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	NIQDQAKHMG VMAGDIYSVF RNAASFKEVS DSLLTSSKGQ LQKMKESLDD VMDYLVNNTPLNWLVGPFYP QLTESQNAQD QGAEMDKSSQ ETQRSEHKTH
Applicable Applications for anti-PLIN2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	HuH-7
Cellular Location	cytosol, endoplasmic reticulum, extracellular region, lipid droplet, nucleus, plasma membrane
Research Area	Cancer, Signal Transduction, Endocrine Metabolism, Lipid Metabolism, Cardiovascular, Hypoxia, Heart, Lipids, Cardiovascular diseases, Heart disease
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 338-437 of human Perilipin-2 (NP_001113.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of PC-12 cells using Perilipin-2 Rabbit pAb (AAA282404) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of HuH-7, using Perilipin-2 Rabbit pAb (AAA282404) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PLIN2 antibody	The protein encoded by this gene belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-PLIN2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577059
NCBI GeneID	123
NCBI Accession #	NP_001113.2
NCBI GenBank Nucleotide #	NM_001122.3
UniProt Accession #	Q99541 ; Q9BSC3
Molecular Weight	48,075 Da
NCBI Official Full Name	perilipin-2
NCBI Official Synonym Full Names	perilipin 2
NCBI Official Symbol	PLIN2
NCBI Official Synonym Symbols	ADFP; ADRP
NCBI Protein Information	perilipin-2; adipophilin; adipose differentiation-related protein
UniProt Protein Name	Perilipin-2
UniProt Gene Name	PLIN2
UniProt Synonym Gene Names	ADFP; ADRP
UniProt Entry Name	PLIN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/perilipin-2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282404>