Rabbit anti-Human Perilipin 3 Polyclonal Antibody | anti-PLIN3 antibody

Anti-Perilipin 3 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259519	**Rabbit**	**Human**	**Immunocytochemistry, Western Blot**

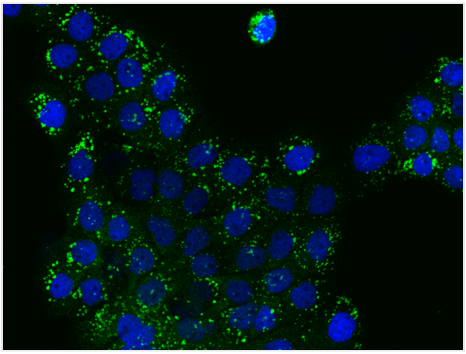
PRODUCT SYNONYMS

Perilipin 3; Polyclonal Antibody; Anti-Perilipin 3 Antibody; Rabbit Polyclonal; Perilipin 3 Antibody; Rabbit PAb; Antigen Affinity Purified; perilipin 3; Anti-M6PRBP1 Antibody; Anti-PP17 Antibody; Anti-TIP47 Antibody; anti-PLIN3 antibody

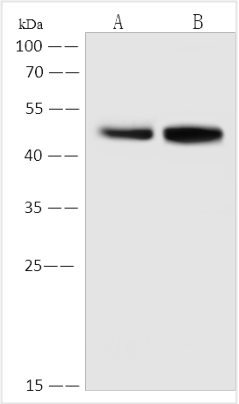
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Perilipin 3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PLIN3 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E coli-derived Human Perilipin 3 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human Perilipin 3 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of PLIN3 in A431 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human PLIN3 polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.



WB (Western Blot)
Anti-Perilipin 3 rabbit polyclonal antibody at 1:500 dilutionLane A: Hela Whole Cell LysateLane A: Daudi Whole Cell LysateLysates/proteins at 30ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique. Performed under reducing conditions.Predicted band size:47 kDaObserved band size:47 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PLIN3 antibody	PLIN3 (Perilipin 3) is a Protein Coding gene. The PLIN3 gene, located on 19p13.3, is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, and frog. PLIN3, one of the members of the perilipin family, is involved in the formation and accumulation of lipid droplets. The protein encoded by this gene interacts with the cytoplasmic domains of both cation-independent and cation-dependent mannose 6-phosphate receptors (MPRs) and is required for endosome-to-Golgi transport. This protein also binds directly to the GTPase RAB9 (RAB9A), a member of the RAS oncogene family. The interaction with RAB9 has been shown to increase the affinity of this protein for its cargo. Diseases associated with PLIN3 include Mental Retardation, Autosomal Dominant 38, and Suppressor Of Tumorigenicity 3.
References	X. M. e. al. (2018. Th. dynami. patter. o. plin. i. pi. oocyte. an. cumulu. cell. durin. i. vitr. maturation. Zygot. 2. (1). 40-49.Wan. K. e. al. (2018. Plin. i. up-regulate. an. correlate. wit. poo. prognosi. i. clea. cel. rena. cel. carcinoma. Uro. Onco. 3. (7). 343.e349-343.e319.G. Y. e. al. (2019. Plin. protect. agains. alcoholi. live. injur. b. facilitatin. lipi. expor. fro. th. endoplasmi. reticulum. . Cel. Bioche. 12. (9). 16075-16087.Covingto. JD. e. al. (2014. Skeleta. muscl. perilipi. . an. coatome. protein. ar. increase. followin. exercis. an. ar. associate. wit. fa. oxidation. PLo. On. . (3). e91675.

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://www.aaabiotech.com/polyclonal/perilipin-3-antibody-immunocytochemistry-western-blot-elisa/259519