

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

Rabbit anti-PLIN3 Antibody, Affinity Purified

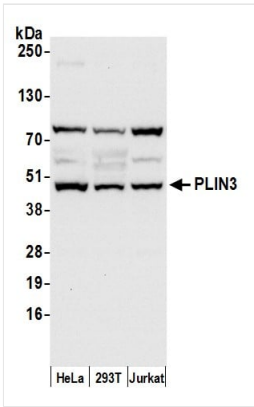
CATALOG # AAA213218	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

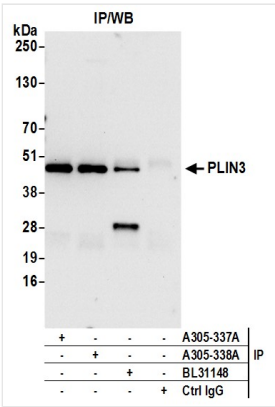
PLIN3; Polyclonal Antibody; Rabbit anti-PLIN3 Antibody; Affinity Purified; mannose-6-phosphate receptor-binding protein 1; TIP47; testicular tissue protein Li 114; tail-interacting protein; 47 kD; PP17; perilipin-3; M6PRBP1; cargo selection protein TIP47; 47 kDa MPR-binding protein; 47 kDa mannose 6-phosphate receptor-binding protein; placental protein 17; Perilipin-3; perilipin 3; anti-PLIN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PLIN3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 125 and 175
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human PLIN3 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PLIN3 antibody AAA213218 (lot AAA213218-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)
Detection of human PLIN3 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PLIN3 antibody AAA213218 (lot AAA213218-1) used for IP at 6 ug per reaction. PLIN3 was also immunoprecipitated by rabbit anti-PLIN3 antibodies and BL31148. For blotting immunoprecipitated PLIN3, AAA213218 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PLIN3 antibody	Perilipin-3 is required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O60664].
Product Categories/Family for anti-PLIN3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	255958282
NCBI GeneID	10226
NCBI Accession #	NP_005808.3; NP_001157661.1; NP_001157666.1
NCBI GenBank Nucleotide #	NM_005817.4
UniProt Accession #	O60664; Q53G77; Q9BS03; Q9UBD7; Q9UP92; A8K4Y9; K7EQF4
Molecular Weight	45,803 Da
NCBI Official Full Name	perilipin-3 isoform 1
NCBI Official Synonym Full Names	perilipin 3
NCBI Official Symbol	PLIN3
NCBI Official Synonym Symbols	PP17; TIP47; M6PRBP1
NCBI Protein Information	perilipin-3
UniProt Protein Name	Perilipin-3
UniProt Gene Name	PLIN3
UniProt Synonym Gene Names	M6PRBP1; TIP47; 47 kDa MPR-binding protein; PP17
UniProt Entry Name	PLIN3_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.

