

Mouse anti-Human PLIN3 Monoclonal Antibody | anti-PLIN3 antibody

PLIN3 Antibody

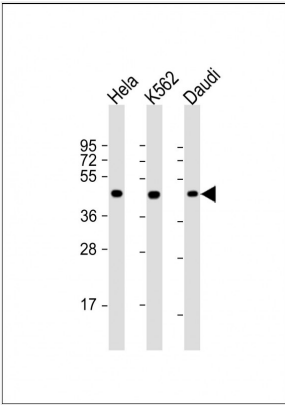
CATALOG # AAA290646	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

PLIN3; Monoclonal Antibody; PLIN3 Antibody; Perilipin-3; 47 kDa mannose 6-phosphate receptor-binding protein; 47 kDa MPR-binding protein; Cargo selection protein TIP47; Mannose-6-phosphate receptor-binding protein 1; Placental protein 17; PP17; M6PRBP1; TIP47; anti-PLIN3 antibody

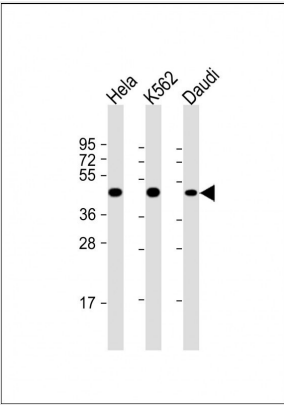
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Specificity	This PLIN3 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 1-434 amino acids from human PLIN3.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	433
Applicable Applications for anti-PLIN3 antibody	ELISA, WB (Western Blot)
Subtitle	Purified Mouse Monoclonal Antibody (Mab)
Cellular Location	Cytoplasm. Endosome membrane; Peripheral membrane protein; Cytoplasmic side. Lipid droplet. Note=Membrane associated on endosomes. Detected in the envelope and the core of lipid bodies and in lipid sails.
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



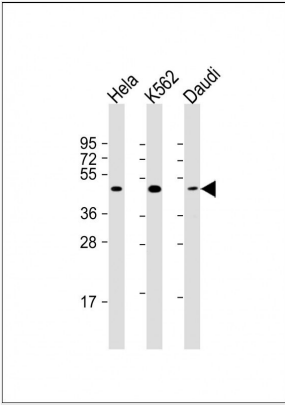
WB (Western Blot)

All lanes : Anti-PLIN3 Antibody at 1:2000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: K562 whole cell lysate
Lane 3: Daudi whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 47 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



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ADDITIONAL INFORMATION

Related Product Information for anti-PLIN3 antibody	Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network.
Product Categories/Family for anti-PLIN3 antibody	Crown Antibodies; Primary Antibodies; Signal Transduction
References	Diaz E.,et al.Cell 93:433-443 (1998). Than N.G.,et al.Eur. J. Biochem. 258:752-757 (1998). Than N.G.,et al.Tumor Biol. 20:184-192 (1999). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	255958289
NCBI GeneID	10226
NCBI Accession #	NP_001157661.1
NCBI GenBank Nucleotide #	NM_001164189.1
UniProt Accession #	O60664; Q53G77; Q9BS03; Q9UBD7; Q9UP92; A8K4Y9; K7EQF4

Molecular Weight	47075 Da
NCBI Official Full Name	perilipin-3 isoform 2
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/plin3-antibody-western-blot-elisa/290646>