

Rabbit anti-Human, Mouse GOLPH3 Polyclonal Antibody | anti-GOLPH3 antibody

Rabbit anti-GOLPH3 Antibody, Affinity Purified

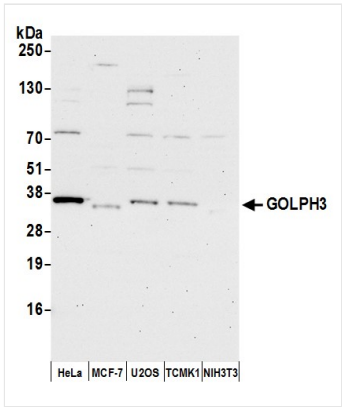
CATALOG # AAA213449	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

GOLPH3; Polyclonal Antibody; Rabbit anti-GOLPH3 Antibody; Affinity Purified; golgi protein; mitochondrial DNA absence factor; MIDAS; GPP34; Vps74; Golgi phosphoprotein 3; golgi peripheral membrane protein 1; 34 kDa; coat-protein; coat protein GPP34; GOPP1; golgi-associated protein; golgi phosphoprotein 3; anti-GOLPH3 antibody

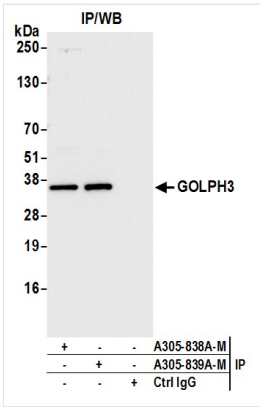
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
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-GOLPH3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 1 and 50
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 and mouse GOLPH3 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, MCF-7, U2OS, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GOLPH3 antibody (AAA213449 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human GOLPH3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-GOLPH3 antibody (AAA213449 lot 1) used for IP at 1 ug per reaction. GOLPH3 was also immunoprecipitated by rabbit anti-GOLPH3 antibody. For blotting immunoprecipitated GOLPH3, AAA213449 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GOLPH3 antibody	GOLPH3 is a phosphatidylinositol-4-phosphate-binding protein that links Golgi membranes to the cytoskeleton and may participate in the tensile force required for vesicle budding from the Golgi. Thereby, may play a role in Golgi membrane trafficking and could indirectly give its flattened shape to the Golgi apparatus. May also bind to the coatomer to regulate Golgi membrane trafficking. May play a role in anterograde transport from the Golgi to the plasma membrane and regulate secretion. Has also been involved in the control of the localization of Golgi enzymes through interaction with their cytoplasmic part. May play an indirect role in cell migration. Has also been involved in the modulation of mTOR signaling. May also be involved in the regulation of mitochondrial lipids biosynthesis. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9H4A6].
Product Categories/Family for anti-GOLPH3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11545859
NCBI GeneID	64083
NCBI Accession #	NP_071413.1
NCBI GenBank Nucleotide #	NM_022130.3
UniProt Accession #	Q9H4A6; Q9UIW5
Molecular Weight	33,811 Da
NCBI Official Full Name	Golgi phosphoprotein 3
NCBI Official Synonym Full Names	golgi phosphoprotein 3
NCBI Official Symbol	GOLPH3
NCBI Official Synonym Symbols	GOPP1; GPP34; MIDAS; Vps74
NCBI Protein Information	Golgi phosphoprotein 3
UniProt Protein Name	Golgi phosphoprotein 3
UniProt Gene Name	GOLPH3

UniProt Synonym Gene Names	GPP34; MIDAS
UniProt Entry Name	GOLP3_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/golph3-antibody-immunoprecipitation-western-blot-elisa/213449>