

## Rabbit GOLPH3 Polyclonal Antibody | anti-GOLPH3 antibody

GOLPH3 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY                               | APPLICATIONS                                                                |
|-----------|--------|------------------------------------------|-----------------------------------------------------------------------------|
| AAA287552 | Rabbit | Human, mouse (Predicted Reactivity: Rat) | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

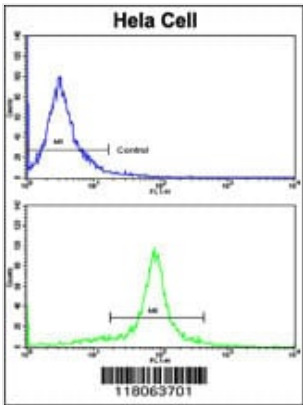
### PRODUCT SYNONYMS

GOLPH3; Polyclonal Antibody; GOLPH3 Antibody (C-term); Golgi phosphoprotein 3; Coat protein GPP34; Mitochondrial DNA absence factor; MIDAS; GPP34; anti-GOLPH3 antibody

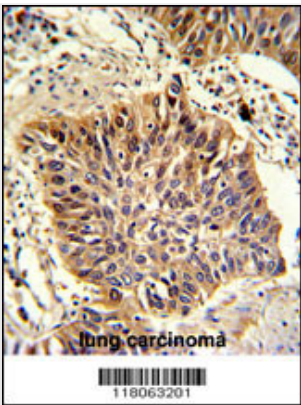
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                    |
| Reactivity                                       | Human, mouse (Predicted Reactivity: Rat)                                                                                                                                                  |
| Clonality                                        | Polyclonal                                                                                                                                                                                |
| Isotype                                          | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                      | This GOLPH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 251-279 amino acids from the C-terminal region of human GOLPH3.                  |
| Purity/Purification                              | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                    | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                               | 251-279                                                                                                                                                                                   |
| Sequence Length                                  | 298                                                                                                                                                                                       |
| Applicable Applications for anti-GOLPH3 antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                           |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                   | HUMAN                                                                                                                                                                                     |
| 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.                                    |

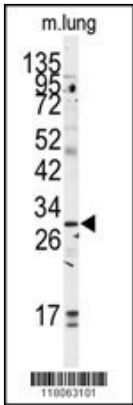
IMAGES



**FCM/FACS (Flow Cytometry)**  
Flow cytometric analysis of hela cells using GOLPH3 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohiostchemistry)**  
Formalin-fixed and paraffin-embedded human lung carcinoma with GOLPH3 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of anti-GOLPH3 Antibody (C-term) in mouse lung tissue lysates (35ug/lane). GOLPH3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GOLPH3 antibody | The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. This protein encoded by this gene is a peripheral membrane protein of the Golgi stack and may have a regulatory role in Golgi trafficking. |
| Product Categories/Family for anti-GOLPH3 antibody   | Signal Transduction                                                                                                                                                                                                                                                |
| References                                           | Ota T., Suzuki Y., Nishikawa T.Nat. Genet. 36:40-45(2004)<br>Bell A.W., Ward M.A.J. Biol. Chem. 276:5152-5165(2001)                                                                                                                                                |

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          | 33811          |

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI Official Full Name          | Golgi phosphoprotein 3                |
| NCBI Official Synonym Full Names | golgi phosphoprotein 3 (coat-protein) |
| 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                | <b>GOLPH3</b>                         |
| 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-flow-cytometry-immunohistochemistry-western-blot-elisa/287552>