

## Rabbit anti-Human GOLPH3 Polyclonal Antibody | anti-GOLPH3 antibody

GOLPH3 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA234027</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

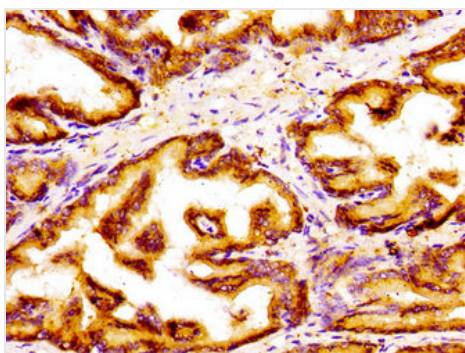
### PRODUCT SYNONYMS

GOLPH3; Polyclonal Antibody; GOLPH3 Antibody; Golgi phosphoprotein 3; Coat protein GPP34; mitochondrial DNA absence factor; MIDAS; GPP34; anti-GOLPH3 antibody

### PRODUCT SPECIFICATIONS

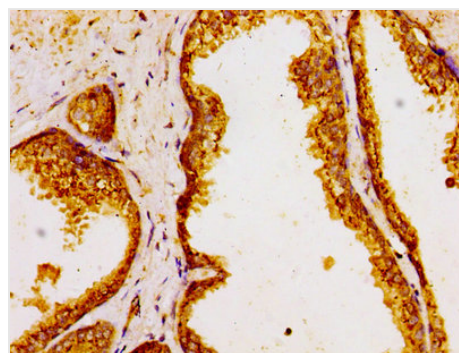
|                                                  |                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                           |
| Reactivity                                       | Human                                                                            |
| Clonality                                        | Polyclonal                                                                       |
| Isotype                                          | IgG                                                                              |
| Purity/Purification                              | >95%, Protein G purified                                                         |
| Form/Format                                      | Liquid                                                                           |
| Sequence Length                                  | 298                                                                              |
| Applicable Applications for anti-GOLPH3 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                             |
| Immunogen                                        | Recombinant Human Golgi phosphoprotein 3 protein (16-150AA)                      |
| Conjugation                                      | Non-conjugated                                                                   |
| Buffer                                           | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



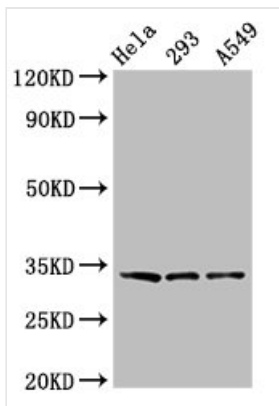
**IHC (Immunohistochemisry)**

Immunohistochemistry of paraffin-embedded human prostate tissue using AAA234027 at dilution of 1:100



**IHC (Immunohiostchemistry)**

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA234027 at dilution of 1:100



#### WB (Western Blot)

Western BlotPositive WB detected in: HeLa whole cell lysate, 293 whole cell lysate, A549 whole cell lysateAll lanes: GOLPH3 antibody at 3.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 34 KDaObserved band size: 34 KDa

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GOLPH3 antibody | 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 coatmer 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. |
| Product Categories/Family for anti-GOLPH3 antibody   | Tags & Cell Markers; Signal transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### 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                | <b>GOLPH3</b>              |
| UniProt Synonym Gene Names       | GPP34; MIDAS               |

**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.

