

Rabbit anti-Human GOLPH2 Monoclonal Antibody | anti-GOLM1 antibody

GOLPH2 Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28576	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

GOLPH2; Monoclonal Antibody; GOLPH2 Rabbit PolymAb; GP73; HEL46; C9orf155; PSEC0257; bA379P1.3; anti-GOLM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	VEKEETNEIQ VVNEEPQRDR LPQEPGREQV VEDRPVGGRG FGGAGELGQT PQVQAALSVS QENPEMEGPE RDQLVIPDGQ EEEQEAAAGEG RNQQKLRGED D
Applicable Applications for anti-GOLM1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:1000-1:3000 IHC-P: 1:5000-1:20000 IF/ICC: 1:1000-1:4000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 250-350 of human GOLPH2. (NP_057632.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse colon tissue using GOLPH2 Rabbit PolymAb® (AAA28576, dilution 1:2000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



ICC (Immunocytochemistry)

Confocal imaging of A-431 cells using GOLPH2 Rabbit PolymAb® (AAA28576, dilution 1:2000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with ?-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with Abflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



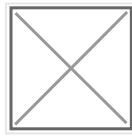
ICC (Immunocytochemistry)

Confocal imaging of HeLa cells using GOLPH2 Rabbit PolymAb® (AAA28576, dilution 1:2000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with γ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



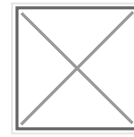
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using GOLPH2 Rabbit PolymAb® (AAA28576) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using GOLPH2 Rabbit PolymAb® (AAA28576) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using GOLPH2 Rabbit PolymAb® (AAA28576) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-GOLM1 antibody

The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a type II Golgi transmembrane protein. It processes proteins synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this gene has been observed to be upregulated in response to viral infection. Alternatively spliced transcript variants encoding the same protein have been described for this gene.

Product Categories/Family for anti-GOLM1 antibody

[Signal Transduction](#); [Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	51316027
NCBI GeneID	51280
UniProt Accession #	Q8NBJ4; Q6IAF4; Q9NRB9
Molecular Weight	Calculated MW: 45kDa Observed MW: 80kDa
UniProt Protein Name	Golgi membrane protein 1
UniProt Gene Name	GOLM1
UniProt Synonym Gene Names	C9orf155; GOLPH2
UniProt Entry Name	GOLM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/golph2-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28576>