Rabbit anti-Human GOLPH2/GOLM1 Polyclonal Antibody | anti-GOLM1 antibody

Anti-GOLPH2/GOLM1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257765	**Rabbit**	**Human**	**Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

GOLPH2/GOLM1; Polyclonal Antibody; Anti-GOLPH2/GOLM1 Antibody; Rabbit Polyclonal; GOLPH2/GOLM1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-bA379P1.3 Antibody; Anti-C9orf155 Antibody; Anti-GOLPH2 Antibody; Anti-GP73 Antibody; Anti-HEL46 Antibody; Anti-PSEC0257 Antibody; golgi membrane protein 1; anti-GOLM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GOLPH2/GOLM1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-GOLM1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human GOLPH2/GOLM1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human GOLPH2/GOLM1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES

IP (Immunoprecipitation)
GOLM1 was immunoprecipitated using:Lane A:0.5 mg MDA-MB-231 Whole Cell Lysate4 uL anti-GOLM1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G.Primary antibody:Anti-GOLM1 rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilutionDeveloped using the ECL technique.Performed under reducing conditions.Predicted band size: 45 kDaObserved band size :75 kDa

IF (Immunofluorescence)
Immunofluorescence staining of GOLM1 in U251MG cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human GOLM1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor-488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.

WB (Western Blot)
Anti-GOLPH2/GOLM1 rabbit polyclonal antibody at 1:500 dilutionLane A: MDA-MB-231 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GOLM1 antibody	Background: Golgi membrane protein 1, also known as Golgi membrane protein GP73, Golgi phosphoprotein 2, and GOLM1, is a protein that belongs to the GOLM1/CASC4 family. GOLM1 is widely expressed. It is highly expressed in the colon, prostate, trachea, and stomach. It is expressed at a lower level in testis, muscle, lymphoid tissues, white blood cells, and spleen. It is predominantly expressed by cells of the epithelial lineage. GOLM1 is expressed at a low level in the normal liver. Expression significantly increases in virus (HBV, HCV) infected liver. Expression of GOLM1 does not increase in liver disease due to non-viral causes (alcohol-induced liver disease, autoimmune hepatitis). Increased expression in hepatocytes appears to be a general feature of advanced liver disease. In liver tissue from patients with adult giant-cell hepatitis (GCH), GOLM1 is strongly expressed in hepatocyte-derived syncytial giant cells. GOLM1 is constitutively expressed by biliary epithelial cells but not by hepatocytes.
References	Kladney R.D., et al.,(2000), GP73, a novel Golgi-localized protein upregulated by viral infection. Gene 249:53-65.Clark H.F., et al., (2003), The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment.Genome Res. 13:2265-2270.Puri S., et al.,(2002), Cycling of early Golgi proteins via the cell surface and endosomes upon lumenal pH disruption.Traffic 3:641-653.

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/polyclonal/golph2-golm1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/257765