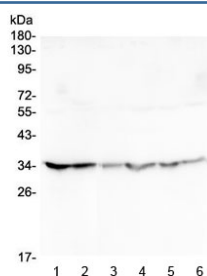


GOLPH3 Antibody (RQ4571)

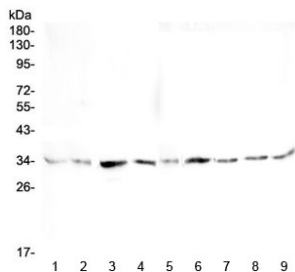
Catalog No.	Formulation	Size
RQ4571	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

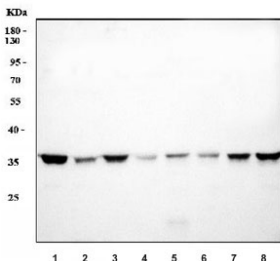
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9H4A6
Localization	Cytoplasm, plasma membrane
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml (recombinant human protein)
Limitations	This GOLPH3 antibody is available for research use only.



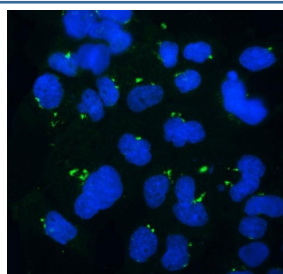
Western blot testing of human 1) HeLa, 2) placenta, 3) U-2 OS, 4) Caco-2, 5) SW620 and 6) A549 lysate with GOLPH3 antibody at 0.5ug/ml. Predicted molecular weight ~34 kDa.



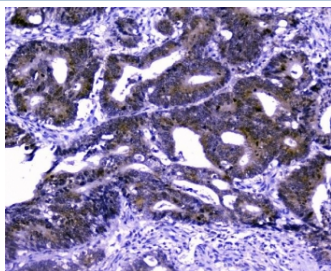
Western blot testing of rat 1) heart, 2) brain, 3) stomach, 4) testis and mouse 5) heart, 6) brain, 7) stomach, 8) testis and 9) NIH3T3 lysate with GOLPH3 antibody at 0.5ug/ml. Predicted molecular weight ~34 kDa.



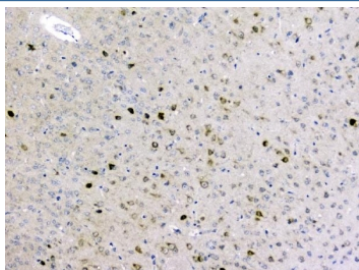
Western blot testing of 1) human HeLa, 2) human 293T, 3) human MDA-MB-453, 4) human A431, 5) rat lung, 6) rat testis, 7) mouse lung and 8) mouse testis lysate with GOLPH3 antibody at 0.5ug/ml. Predicted molecular weight ~34 kDa.



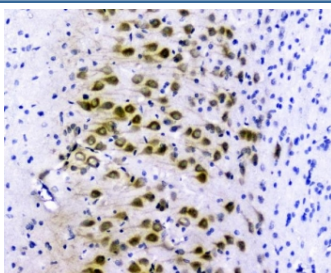
Immunofluorescent staining of FFPE human A431 cells with GOLPH3 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE human intestinal cancer tissue with GOLPH3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse brain tissue with GOLPH3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat brain tissue with GOLPH3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Golgi phosphoprotein 3 (GOLPH3) is a human protein encoded by GOLPH3 gene. It is mapped to 5p13.3. 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 peripheral membrane protein of the Golgi stack and may have a regulatory role in Golgi trafficking. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined.

Application Notes

Optimal dilution of the GOLPH3 antibody should be determined by the researcher.

Immunogen

Amino acids K56-K298 from the human protein were used as the immunogen for the GOLPH3 antibody.

Storage

After reconstitution, the GOLPH3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.