

GOLPH2 antibody [C3], C-term

Cat. No. GTX107702

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human

Reference (5)

Package

100 µl, 25 µl

PRODUCT

Summary

Golgi membrane protein 1, also known as GP73, GOLM1, and GOLPH2, is a type II Golgi membrane glycoprotein with a predicted molecular weight of 45 kDa. GOLPH2 is often overexpressed in the hepatocytes of patients with hepatitis and hepatocellular carcinoma (HCC). Reports indicate that GOLPH2 is a promising serum marker for the diagnosis of HCC.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:5000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 45 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human GOLPH2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



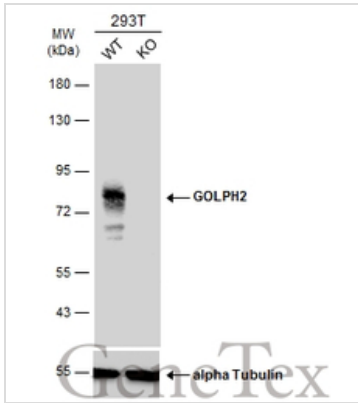
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Note

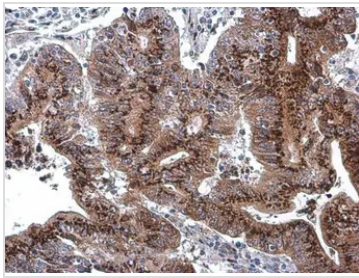
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DATA IMAGES



GTX107702 WB Image

Wild-type (WT) and GOLPH2 knockout (KO) 293T cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GOLPH2 antibody [C3], C-term (GTX107702) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



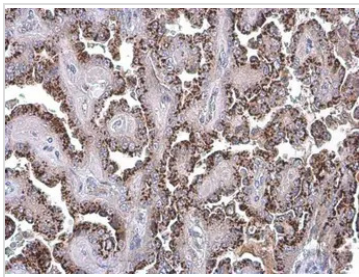
GTX107702 IHC-P Image

GOLPH2 antibody [C3], C-term detects GOLPH2 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human colon cancer.

GOLPH2 stained by GOLPH2 antibody [C3], C-term (GTX107702) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX107702 IHC-P Image

GOLPH2 antibody [C3], C-term detects GOLPH2 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human endometrial carcinoma.

GOLPH2 stained by GOLPH2 antibody [C3], C-term (GTX107702) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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