

COG1 Polyclonal antibody

Catalog Number: 10767-1-AP

Basic Information

Catalog Number:

10767-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1203

GenBank Accession Number:

BC021985

GeneID (NCBI):

9382

UNIPROT ID:

Q8WTW3

Full Name:

component of oligomeric golgi complex 1

Calculated MW:

109 kDa

Observed MW:

109 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:200-1:800

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : U-251 cells, PC-3 cells, U2OS cells

IHC : human ovary tumor tissue,

Background Information

COG1 is one protein of the COG complex which is a heterooctameric complex that regulates intraGolgi trafficking and the integrity of the Golgi compartment in eukaryotic cells (PMID: 16537452). It is reported that this protein is required for steps in the normal medial and trans-Golgi-associated processing of glycoconjugates and plays a role in the organization of the Golgi-localized complex. COG1 has a calculated molecular weight of 109 kDa.

Storage

Storage:

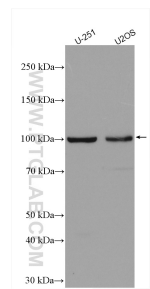
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

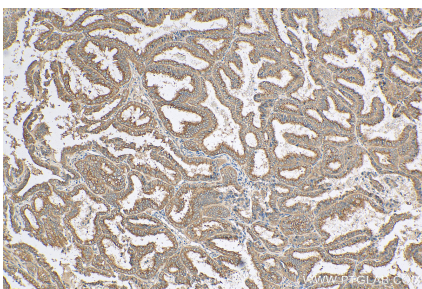
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

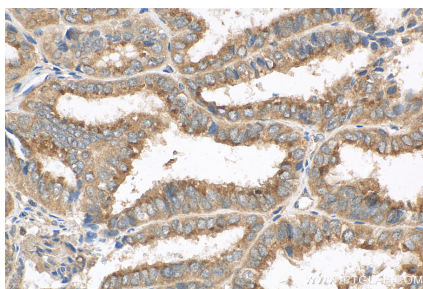
Selected Validation Data



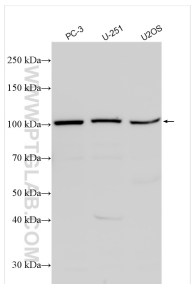
Various lysates were subjected to SDS PAGE followed by western blot with 10767-1-AP (COG1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10767-1-AP (COG1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10767-1-AP (COG1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 10767-1-AP (COG1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.