

For Research Use Only

COG1 Polyclonal antibody

Catalog Number: 10767-1-AP



Basic Information

Catalog Number: 10767-1-AP	GenBank Accession Number: BC021985	Purification Method: Antigen affinity purification
Size: 550 µg/ml	GeneID (NCBI): 9382	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q8WTW3	
Isotype: IgG	Full Name: component of oligomeric golgi complex 1	
Immunogen Catalog Number: AG1203	Calculated MW: 109 kDa	
	Observed MW: 109 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : U-251 cells, PC-3 cells, U2OS cells IHC : human ovary tumor tissue,
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	

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

For technical support and original validation data for this product please contact:

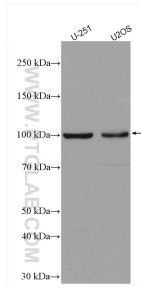
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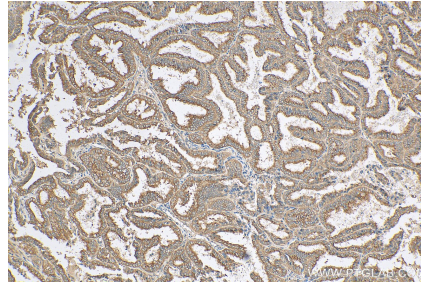
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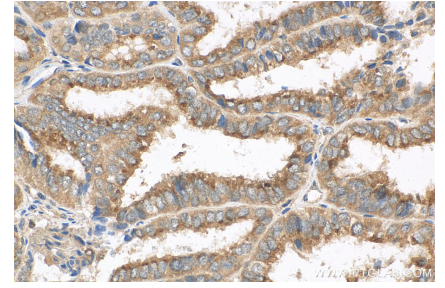
Selected Validation Data



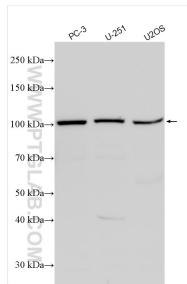
Various lysates were subjected to SDS PAGE followed by western blot with 10767-1-AP (COG1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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.