

For Research Use Only

DCTPP1 Polyclonal antibody

Catalog Number: 16684-1-AP



Basic Information

Catalog Number: 16684-1-AP	GenBank Accession Number: BC001344	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 79077	Recommended Dilutions: WB 1:200-1:1000 IHC 1:250-1:1000 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9H773	
Isotype: IgG	Full Name: dCTP pyrophosphatase 1	
Immunogen Catalog Number: AG10015	Calculated MW: 19 kDa	
	Observed MW: 19 kDa, 40 kDa, 80 kDa	

Applications

Tested Applications:
IF/ICC, IHC, WB, ELISA

Species Specificity:
human, mouse, rat

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: HeLa cells, mouse heart tissue, Transfected HEK-293 cells

IHC: human lung cancer tissue,

IF: HeLa cells,

Background Information

DCTPP1, also named as XTP3TPA, CDAO3 and RS21C6, is a hydrolyzes deoxynucleoside triphosphates (dNTPs) to the corresponding nucleoside monophosphates. It has a central role in the balance of dCTP and the metabolism of deoxycytidine analogues, thus contributing to the preservation of genome integrity. DCTPP1 has some forms such as monomer (~20 kDa), Dimer (~40 kDa) and Homotetramer (~80 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:

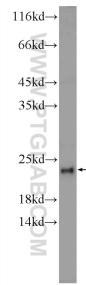
T: 4006900926

E: Proteintech-CN@ptglab.com

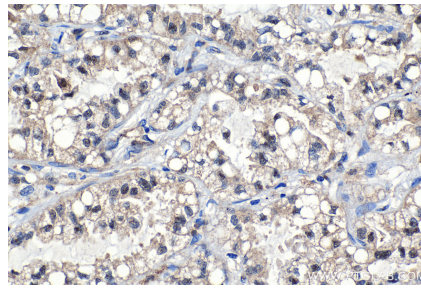
W: ptgcn.com

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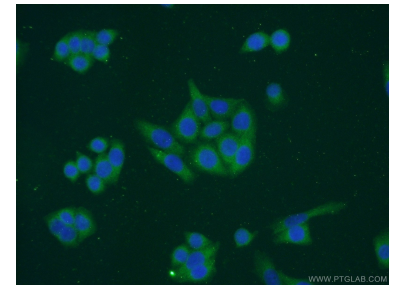
Selected Validation Data



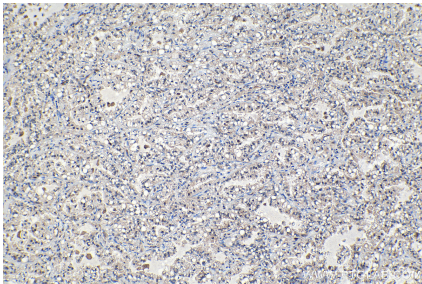
HeLa cells were subjected to SDS PAGE followed by western blot with 16684-1-AP (DCTPP1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 16684-1-AP (DCTPP1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells using 16684-1-AP (DCTPP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 16684-1-AP (DCTPP1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).