

DCTPP1 Polyclonal antibody

Catalog Number: 16684-1-AP

1 Publications

Basic Information

Catalog Number:

16684-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10015

GenBank Accession Number:

BC001344

GeneID (NCBI):

79077

UNIPROT ID:

Q9H773

Full Name:

dCTP pyrophosphatase 1

Calculated MW:

19 kDa

Observed MW:

19 kDa, 40 kDa, 80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:250-1:1000

IF/ICC 1:20-1:200

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

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

IHC : human lung cancer tissue,

IF/ICC : 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).

Notable Publications

Author	Pubmed ID	Journal	Application
Yu Wang	38686496	J Cell Mol Med	WB, IHC

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

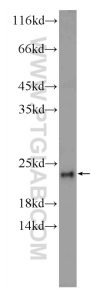
For technical support and original validation data for this product please contact:

T: 4006900926

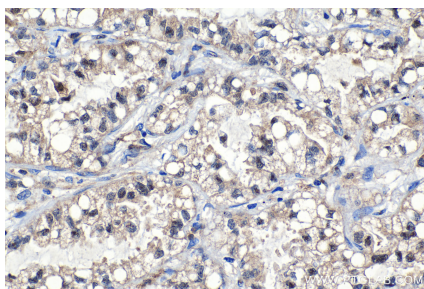
E: Proteintech-CN@ptglab.comW: ptgcn.com

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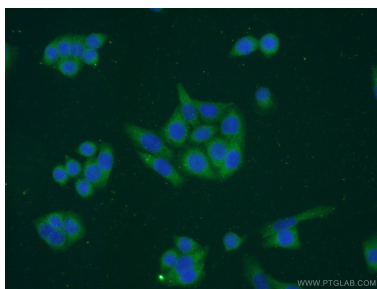
Selected Validation Data



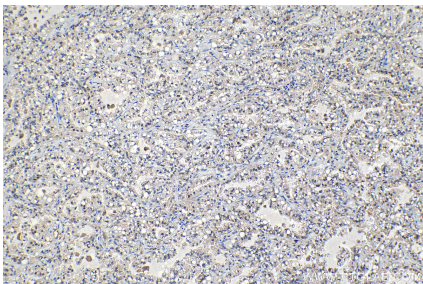
HeLa cells were subjected to SDS PAGE followed by western blot with 16684-1-AP (DCTPP1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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).