

For Research Use Only

# DCTPP1 Polyclonal antibody

Catalog Number: 16684-1-AP

1 Publications



## Basic Information

Catalog Number:	16684-1-AP	GenBank Accession Number:	BC001344	Purification Method:	Antigen affinity purification
Size:	150ul , Concentration: 800 ug/ml by Nanodrop and 380 ug/ml by Bradford method using BSA as the standard;	GenelD (NCBI):	79077	Recommended Dilutions:	WB 1:200-1:1000 IHC 1:250-1:1000 IF/ICC 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:	WB, IHC, IF/ICC, ELISA	Positive Controls:	
Cited Applications:	WB, IHC	WB :	HeLa cells, mouse heart tissue, Transfected HEK-293 cells
Species Specificity:	human, mouse, rat	IHC :	human lung cancer tissue,
Cited Species:	human	IF/ICC :	HeLa cells,
<i>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>			

## 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

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data

