

## DCTPP1 antibody

### Product Information

Catalog No.:	FNab02277
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Hydrolyzes deoxynucleoside triphosphates(dNTPs) to the corresponding nucleoside monophosphates. Has a strong preference for modified dCTP. Activity is highest with 5-iodo-dCTP, followed by 5-bromo-dCTP, unmodified dCTP, 5-methyl-dCTP and 5-chloro-dCTP. Hydrolyzes 2-chloro-dATP and 2-hydroxy-dATP with lower efficiency, and has even lower activity with unmodified dATP, dTTP and dUTP(in vitro). Does not hydrolyze ATP, UTP, ITP, GTP, dADP, dCDP or dGTP. May protect DNA or RNA against the incorporation of non-canonical nucleotide triphosphates. May protect cells against inappropriate methylation of CpG islands by DNA methyltransferases(By similarity).

### Immunogen information

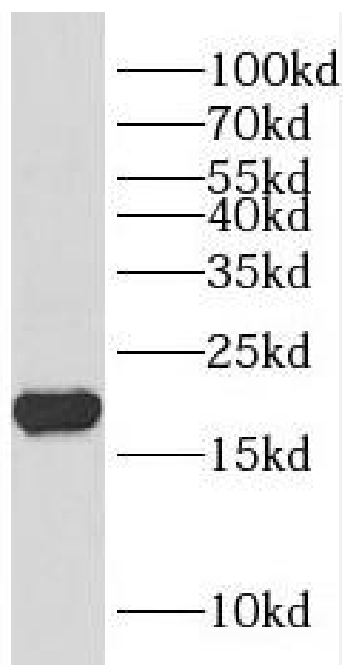
Immunogen:	dCTP pyrophosphatase 1
Synonyms:	dCTP pyrophosphatase 1 Deoxycytidine-triphosphatase 1 (dCTPase 1) RS21C6 XTP3-transactivated gene A protein DCTPP1 XTP3TPA
Observed MW:	19 kDa;40 kDa;80 kDa
Uniprot ID :	Q9H773

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab02277( DCTPP1 Antibody) at dilution of 1:300