

Datasheet for ABIN7113324 **anti-DCTPP1 antibody**



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Overview

Quantity:	100 µg
Target:	DCTPP1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCTPP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	dCTP pyrophosphatase 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	DCTPP1
Alternative Name:	DCTPP1 (DCTPP1 Products)
Background:	<p>Synonyms:XTP3TPA Background:Hydrolyzes deoxynucleoside triphosphates(dNTPs) to the corresponding nucleoside monophosphates. Has a strong preference for modified dCTP.</p> <p>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,</p>

Target Details

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).

Molecular Weight: 19 kDa , 40 kDa , 80 kDa

Gene ID: 79077

UniProt: [Q9H773](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months