

Product datasheet for TA339362

XTP3TPA (DCTPP1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-XTP3TPA antibody: synthetic peptide directed towards the N

terminal of human XTP3TPA. Synthetic peptide located within the following region:

MSVAGGEIRGDTGGEDTAAPGRFSFSPEPTLEDIRRLHAEFAAERDWEQF

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 19 kDa

Gene Name: dCTP pyrophosphatase 1

Database Link: NP 077001

Entrez Gene 79077 Human

Q9H773



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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

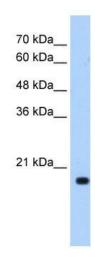
CpG islands by DNA methyltransferases.

Synonyms: CDA03; RS21C6; XTP3TPA

Note: Immunogen Sequence Homology: Human: 100%

Protein Families: Stem cell - Pluripotency

Product images:



WB Suggested Anti-XTP3TPA Antibody Titration: 0.5 ug/ml; Positive Control: Transfected 293T