

## Product datasheet for **TA339363**

### **XTP3TPA (DCTPP1) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-XTP3TPA antibody: synthetic peptide directed towards the middle region of human XTP3TPA. Synthetic peptide located within the following region: KMDINRRRYP AHLARSSSRKY TELPHGAISEDQAVGPADIPCDSTGQTST
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_077001</a> <a href="#">Entrez Gene 79077 Human</a> <a href="#">Q9H773</a>



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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:**

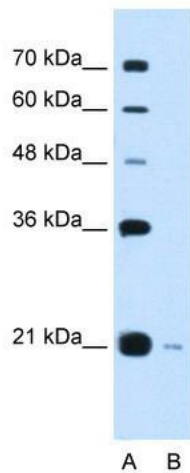
CDA03; RS21C6; XTP3TPA

**Note:**

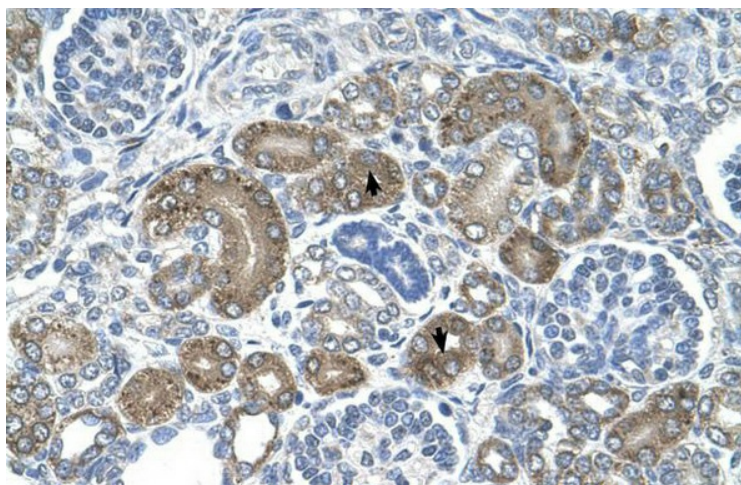
Immunogen Sequence Homology: Human: 100%; Horse: 86%; Dog: 79%; Pig: 79%; Bovine: 79%; Guinea pig: 79%

**Protein Families:**

Stem cell - Pluripotency

**Product images:**

WB Suggested Anti-XTP3TPA Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate. DCTPP1 is supported by BioGPS gene expression data to be expressed in HepG2



Human kidney