

**XTP3TPA Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP2821a**

**Specification**

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**XTP3TPA Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">O9H773</a>
Other Accession	<a href="#">O91VC0</a> , <a href="#">O9OY93</a>
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	18681
Antigen Region	12-40

**XTP3TPA Antibody (N-term) - Additional Information**

**Gene ID** 79077

**Other Names**

dCTP pyrophosphatase 1, Deoxycytidine-triphosphatase 1, dCTPase 1, RS21C6,  
XTP3-transactivated gene A protein, DCTPP1, XTP3TPA

**Target/Specificity**

This XTP3TPA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human XTP3TPA.

**Dilution**

WB~~1:1000  
IHC-P~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

XTP3TPA Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**XTP3TPA Antibody (N-term) - Protein Information**

**Name** DCTPP1 ([HGNC:28777](#))

**Function** Hydrolyzes deoxynucleoside triphosphates (dNTPs) to the corresponding nucleoside monophosphates. Has a strong preference for dCTP and its analogs including 5-iodo-dCTP and 5-methyl-dCTP for which it may even have a higher efficiency. May protect DNA or RNA against the incorporation of these genotoxic nucleotide analogs through their catabolism.

#### **Cellular Location**

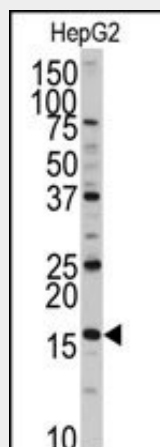
Mitochondrion. Nucleus. Cytoplasm, cytosol

#### **XTP3TPA Antibody (N-term) - Protocols**

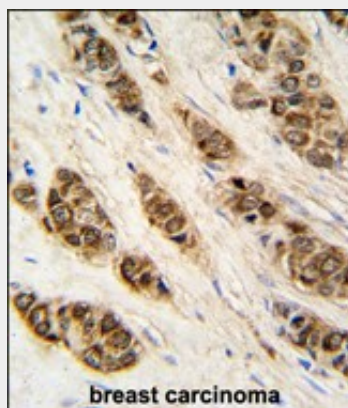
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **XTP3TPA Antibody (N-term) - Images**



Western blot analysis of anti-XTP3TPA Antibody (N-term) (Cat.#AP2821a) in HepG2 cell line lysates (35ug/lane). XTP3TPA (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with XTP3TPA

antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

#### **XTP3TPA Antibody (N-term) - References**

Stelzl,U., Cell 122 (6), 957-968 (2005)

Moroz,O.V., J. Mol. Biol. 347 (2), 243-255 (2005)

#### **XTP3TPA Antibody (N-term) - Citations**

- [DCTPP1, an Oncogene Regulated by miR-378a-3p, Promotes Proliferation of Breast Cancer via DNA Repair Signaling Pathway](#)
- [Autophagy induced by overexpression of DCTPP1 promotes tumor progression and predicts poor clinical outcome in prostate cancer.](#)
- [dCTP pyrophosphohydrolase exhibits nucleic acid accumulation in multiple carcinomas.](#)