

XTP3TPA Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP2821a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9H773
Other Accession	Q91VC0 , Q9QY93
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17386
Calculated MW	18681
Antigen Region	12-40

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~~1:100~500 E~~Use at an assay dependent concentration.
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.

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

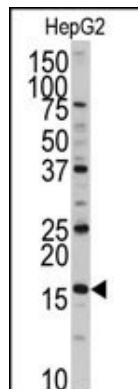
Mitochondrion. Nucleus. Cytoplasm, cytosol

References

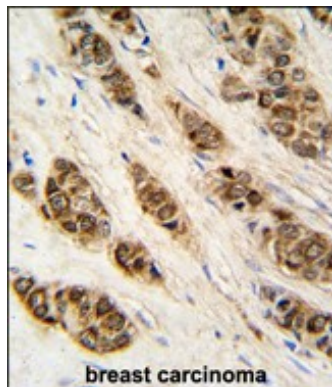
Stelzl,U., Cell 122 (6), 957-968 (2005)

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

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.

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.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.