

XTP3TPA Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2821a**Specification**

XTP3TPA Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9H773](#)**XTP3TPA Antibody (N-term) Blocking Peptide - 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**

The synthetic peptide sequence used to generate the antibody [AP2821a](/products/AP2821a) was selected from the N-term region of human XTP3TPA. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

XTP3TPA Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

XTP3TPA Antibody (N-term) Blocking Peptide - Images

XTP3TPA Antibody (N-term) Blocking Peptide - References

Stelzl,U., Cell 122 (6), 957-968 (2005) Moroz,O.V., J. Mol. Biol. 347 (2), 243-255 (2005)