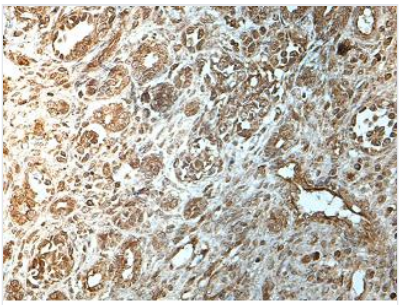
XTP3TPA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	XTP3TPA, Polyclonal Antibody
Full Product Name	XTP3TPA Antibody
Product Gene Name	anti-XTP3TPA antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human Predicted: Mouse, Rat
Form/Format	Purified by protein affinity column containing 1% BSA and 0.02% NaN3
Preparation and Storage	Already reconstituted in 200ul sterile H2O. The antibody is stable for at least one year when stored at-20 degree C after reconstitution. Avoid repeated freeze/defrost cycles.
Molecular Weight	18,681 Da
OMIM	615840
3D Structure	ModBase 3D Structure for Q9H773
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-XTP3TPA antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-XTP3TPA antibody	ELISA: 1:20,000-1:80,000 IHC: 1:100-1:500
Related Product Information for anti-XTP3TPA antibody	Rabbit polyclonal XTP3TPA (1) antibody was raised against a recombinate human XTP3TPA protein 1-170aa (BC001344).
Product References and Citations for anti-XTP3TPA antibody	(1) Stelzl, U., Worm, U., Lalowski, M., et al. A human protein-protein interaction network: a resource for annotating the proteome. Cell 122 (6), 957-968 (2005).
Other Notes	Small volumes of anti-XTP3TPA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for XTP3TPA purchase	MBS8527096 is an antibody targeting XTP3TPA. Also known as XTP3TPA Antibody. Reactive in Human Predicted: Mouse, Rat. Host: Rabbit.



Immunohistochemical staining of formalin-fixed paraffin-embedded fetal kidney showing cytoplasmic staining with anti-XTP3TPA antibody at a dilution of 1/100

Testing Data of anti-XTP3TPA antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for XTP3TPA. It may not necessarily be applicable to this product.

NCBI GI #	48146787
NCBI GeneID	79077
NCBI Accession #	CAG33616.1
UniProt Primary Accession #	Q9H773
UniProt Related Accession #	Q9H773
NCBI Official Full Name	XTP3TPA
NCBI Official Synonym Full Names	dCTP pyrophosphatase 1
NCBI Official Symbol	DCTPP1
NCBI Official Synonym Symbols	CDA03; RS21C6; XTP3TPA
UniProt Protein Name	dCTP pyrophosphatase 1
UniProt Synonym Protein Names	Deoxycytidine-triphosphatase 1; dCTPase 1; RS21C6
UniProt Gene Name	DCTPP1
UniProt Synonym Gene Names	dCTPase 1
NCBI Protein Information	dCTP pyrophosphatase 1
NCBI Summary for XTP3TPA	The protein encoded by this gene is dCTP pyrophosphatase, which converts dCTP to dCMP and inorganic pyrophosphate. The encoded protein also displays weak activity against dTTP and dATP, but none against dGTP. This protein may be responsible for eliminating excess dCTP after DNA synthesis and may prevent overmethylation of CpG islands. Three transcript variants, one protein-coding and the other two non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2015]
UniProt Comments for XTP3TPA	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.
Research Articles on XTP3TPA	**1.** Hypermethylation of CpG islands in MDR1 gene promoter region is obvious in DCTPP1-knockdown BGC-823 gastric cancer (GC) cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/xtp3tpa/8527096