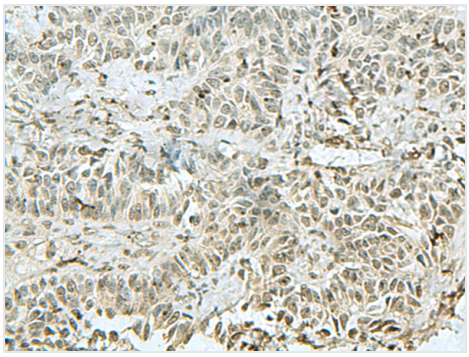
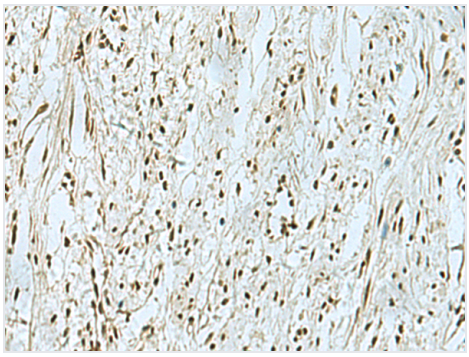
THTPA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	THTPA, Polyclonal Antibody
Full Product Name	THTPA Polyclonal Antibody
Product Gene Name	anti-THTPA antibody
Product Synonym Names	FLJ33428; FLJ36892; MGC2652; Thiamine triphosphatase; THTP; ThTPase
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	1.56mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	611612
3D Structure	ModBase 3D Structure for Q9BU02
Immunogen	Fusion protein of human THTPA
Conjugation	Unconjugated
Product Categories/Family for anti-THTPA antibody	Metabolism; Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-THTPA antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-THTPA antibody	IHC: 1:50-1:300 ELISA: 1:5000-1:10000
Related Product Information for anti-THTPA antibody	This gene encodes an enzyme which catalyzes the biosynthesis of thiamine disphophate (vitamin B1) by hydrolysis of thiamine triphosphate. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-THTPA 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 THTPA purchase	MBS2562766 is an antibody targeting THTPA. Also known as THTPA Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-THTPA antibody
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using THTPA Polyclonal Antibody at dilution of 1:90(×200)



Immunohistochemistry (IHC) of anti-THTPA antibody
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using THTPA Polyclonal Antibody at dilution of 1:90(×200)

ADDITIONAL DETAILS

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

NCBI GI #	187607407
NCBI GeneID	79178
NCBI Accession #	NP_001119811.1
NCBI Related Accession #	BC002984
UniProt Primary Accession #	Q9BU02
UniProt Related Accession #	Q9BU02
GenBank Nucleotide #	NP_001119811.1
NCBI Official Full Name	thiamine-triphosphatase isoform 1
NCBI Official Synonym Full Names	thiamine triphosphatase
NCBI Official Symbol	THTPA
NCBI Official Synonym Symbols	THTP; THTPASE
UniProt Protein Name	Thiamine-triphosphatase
Protein Family	Thiamine-triphosphatase
UniProt Gene Name	THTPA
UniProt Synonym Gene Names	ThTPase
UniProt Entry Name	THTPA_HUMAN
NCBI Protein Information	thiamine-triphosphatase
UniProt Comments for THTPA	THTP: Hydrolase highly specific for thiamine triphosphate (ThTP). Belongs to the ThTPase family. Protein type: Cofactor and Vitamin Metabolism - thiamine; EC 3.6.1.28; Hydrolase Chromosomal Location of Human Ortholog: 14q11.2 Cellular Component: cytosol Molecular Function: thiamin-triphosphatase activity; hydrolase activity; magnesium ion binding Biological Process: thiamin metabolic process; generation of precursor metabolites and energy; vitamin metabolic process; dephosphorylation; thiamin and derivative metabolic process; water-soluble vitamin metabolic process; thiamin diphosphate metabolic process

Research Articles on THTPA	**1.** The untagged recombinant human ThTPase (hThTPase) was expressed in E. coli and purified to homogeneity.
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.
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