



Datasheet for ABIN3021421

## anti-Thymidine Phosphorylase antibody (AA 1-200)



[Go to Product page](#)

### 4 Images

#### Overview

Quantity:	100 µL
Target:	Thymidine Phosphorylase (TYMP)
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thymidine Phosphorylase antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human TYMP (NP_001107228.1).
Sequence:	MAALMTPGTG APPAPGDFSG EGSQGLPDPS PEPKQLPELI RMKRDGGRLS EADIRGFVAA VVNGSAQGAQ IGAMLMAIRL RGMDLEETSV LTQALAQSGQ QLEWPEAWRQ QLVDKHSTGG VGDKVSLVLA PALAACGCKV PMISGRGLGH TGGTLDKLES IPGFNVIQSP EQMQVLLDQA GCCIVGQSEQ LVPADGILYA
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	Thymidine Phosphorylase (TYMP)
Alternative Name:	TYMP ( <a href="#">TYMP Products</a> )
Background:	<p>This gene encodes an angiogenic factor which promotes angiogenesis in vivo and stimulates the in vitro growth of a variety of endothelial cells. It has a highly restricted target cell specificity acting only on endothelial cells. Mutations in this gene have been associated with mitochondrial neurogastrointestinal encephalomyopathy. Multiple alternatively spliced transcript variants have been identified.,TYMP,ECGF,ECGF1,MEDPS1,MNGIE,MTDPS1,PDECGF,TP,hPD-ECGF,Epigenetics &amp; Nuclear Signaling,Signal Transduction,Cell Biology &amp; Developmental Biology,Apoptosis,Growth factor,Immunology &amp; Inflammation,Cytokines,Cardiovascular,Angiogenesis,Heart,TYMP</p>
Molecular Weight:	49 kDa/50 kDa
Gene ID:	1890
UniProt:	<a href="#">P19971</a>
Pathways:	<a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a>

## Application Details

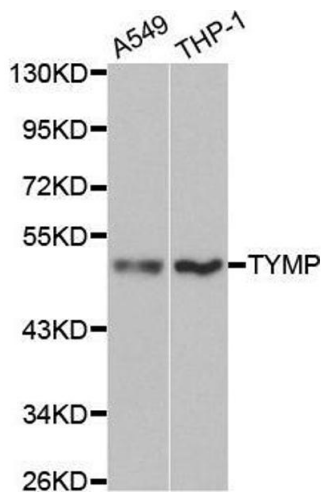
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

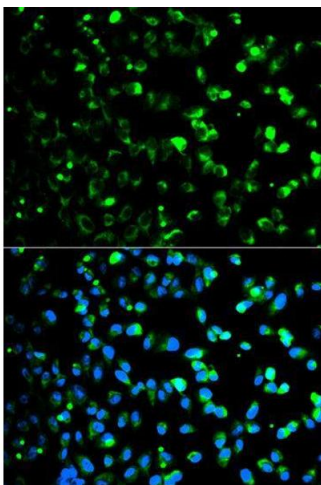
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



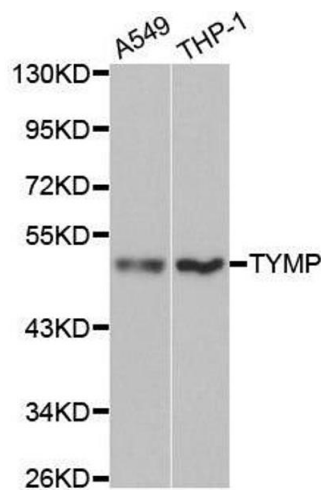
### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using TYMP antibody.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of HeLa cell using TYMP antibody. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using TYMP antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3021421.