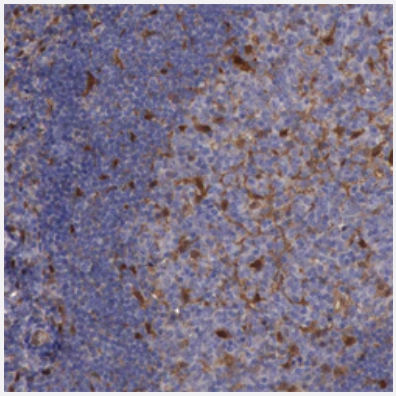
TYMP polyclonal antibody

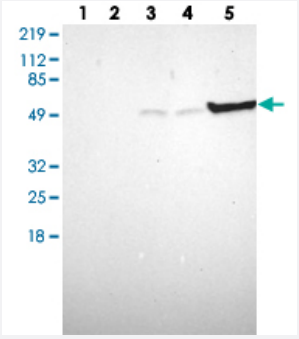
Catalog # PAB29513 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil with TYMP polyclonal antibody (Cat # PAB29513) shows distinct positivity in subsets of germinal center cells.



Western Blot (Cell lysate)

Western blot analysis of Lane 1: Human cell line RT-4, Lane 2: Human cell line U-251MG sp, Lane 3: Human cell line A-431, Lane 4: Human liver tissue, Lane 5: Human tonsil tissue with TYMP polyclonal antibody (Cat # PAB29513).

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human TYMP.
Immunogen	Recombinant protein corresponding to human TYMP.
Sequence	EGSQGLPDPSPEPKQLPELIRMKRDGGRLSEADIRGFVAAVVNGSAQGAQIGAMLMAIRLRGMD LEETSVLTQALAQSGQQLEWPEAWRQQLVDKHSTGGVGDKVSLVLAPALAACGCKVPMISG
Host	Rabbit
Reactivity	Human

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Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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  Western blot analysis of Lane 1: Human cell line RT-4, Lane 2: Human cell line U-251MG sp, Lane 3: Human cell line A-431, Lane 4: Human liver tissue, Lane 5: Human tonsil tissue with TYMP polyclonal antibody (Cat # PAB29513).

Gene Info — TYMP

Entrez GeneID	1890
Gene Name	TYMP
Gene Alias	ECGF1, MNGIE, PDECGF, TP, hPD-ECGF
Gene Description	thymidine phosphorylase
Omim ID	131222 603041
Gene Ontology	Hyperlink

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Gene Summary	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 neuroga strointestinal encephalomyopathy. Multiple alternatively spliced variants, encoding the same prote in, have been identified. [provided by RefSeq
Other Designations	OTTHUMP00000196768|OTTHUMP00000196769|endothelial cell growth factor 1 (platelet-deriv ed)|gliostatin

Pathway

- Bladder cancer
- Drug metabolism - other enzymes
- Metabolic pathways
- Pyrimidine metabolism

Disease

- Amyotrophic lateral sclerosis
- Anoxia
- Cardiovascular Diseases
- Chronic Disease
- Deafness
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Intestinal Pseudo-Obstruction
- Mitochondrial Diseases
- Mitochondrial Encephalomyopathies
- Pancreatitis

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- Recurrence
- Syndrome

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