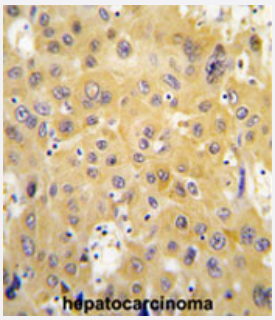
TYMP polyclonal antibody

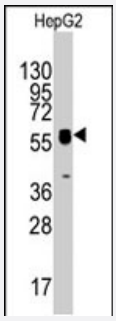
Catalog # PAB2870 Size 400 uL

Applications



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

Formalin-fixed and paraffin-embedded human hepatocarcinomareacted with TYMP polyclonal antibody (Cat # PAB2870), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining.
This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blot (Cell lysate)

Western blot analysis of TYMP polyclonal antibody (Cat # PAB2870) in HepG2 cell line lysates (35 ug/lane). TYMP (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TYMP.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human TYMP.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

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Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% 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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Gene Info — TYMP

Entrez GeneID	1890
Protein Accession#	NP_001944;P19971
Gene Name	TYMP
Gene Alias	ECGF1, MNGIE, PDECGF, TP, hPD-ECGF
Gene Description	thymidine phosphorylase
Omim ID	131222 603041
Gene Ontology	Hyperlink
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

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Other Designations	OTTHUMP00000196768|OTTHUMP00000196769|endothelial cell growth factor 1 (platelet-derived)|gliostatin

Publication Reference

- Regional localization of the human platelet-derived endothelial cell growth factor (ECGF1) gene to chromosome 22q13.

  Stenman G, Sahlin P, Dumanski JP, Hagiwara K, Ishikawa F, Miyazono K, Collins VP, Heldin CH.

  Cytogenetics and Cell Genetics 1992 Jan; 59(1):22.

  Application: WB-Ce, WB-Tr, Human, Mammalian cells

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

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- Mitochondrial Diseases
- Mitochondrial Encephalomyopathies
- Pancreatitis
- Recurrence
- Syndrome

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