

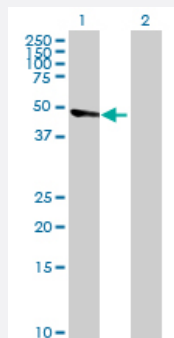
MaxPab®

ECGF1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001890-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TYMP expression in transfected 293T cell line ([H00001890-T01](#)) by TYMP MaxPab polyclonal antibody.

Lane 1: ECGF1 transfected lysate(53.02 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ECGF1 protein.

Immunogen

ECGF1 (AAH52211, 1 a.a. ~ 482 a.a) full-length human protein.

Sequence

MAALMTPGTGAPPAPGDFSGEGSQGLPDPSPEPKQLPELIRMKRDGGRLSEADIRGFVAAVVN
GSAQGAQIGAMLMAIRLRGMDLEETSVLTQALAQSGQQLEWPEAWRQQQLVDKHSTGGVGDKVS
LVLAPALAACGCKVPMISGRGLGHTGGTLDKLESIPGFNVIQSPEQMQVLLDQAGCCVGGSEQL
VPADGILYAARDVTATVDSLPLITASILSKKLVEGLSALVVDVKFGGAAVFPNQEQARELAKTLVG
VGASLGLRVAAALTAMDKPLGRCVGHAEVEEALLCMDGAGPPDLRDLVTTLGGALLWLSGHA
GTQAQGAARVAAALDDGSALGRFERMLAAQGVDPGLARALCSGSPAERRQLLPRAREQEELLA
PADGTVELVRALPLALVLHELGAGRSRAGEPLRLGVGAELLVDVGQRLRRGTPWLRVHRDGPAL
SGPQSRALQEALVLSRAPFAAPLPFAELVLPQQ

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (82); Rat (84)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — TYMP

Entrez GeneID

[1890](#)

GeneBank Accession#

[BC052211](#)

Protein Accession#

[AAH52211](#)

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

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](#)
- [Recurrence](#)
- [Syndrome](#)