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ECGF1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP7295a

Specification

ECGF1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P19971

ECGF1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 1890

Other Names
Thymidine phosphorylase, TP, Gliostatin, Platelet-derived endothelial cell growth factor, PD-ECGF, TdRPase, TYMP, ECGF1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7295a was selected from the N-term region of human ECGF1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ECGF1 Antibody (N-term) Blocking Peptide - Protein Information

Name TYMP (HGNC:3148)

Synonyms ECGF1

Function
May have a role in maintaining the integrity of the blood vessels. Has growth promoting activity on endothelial cells, angiogenic activity in vivo and chemotactic activity on endothelial cells in vitro.

ECGF1 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ECGF1 Antibody (N-term) Blocking Peptide - Images

ECGF1 Antibody (N-term) Blocking Peptide - Background

ECGF1 is 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 the gene encoding ECGF1 have been associated with mitochondrial neurogastrointestinal encephalomyopathy.

ECGF1 Antibody (N-term) Blocking Peptide - References

Stenman,G.,Cytogenet. Cell Genet. 59 (1), 22-23 (1992)Jinfeng,M.,Hepatogastroenterology 54 (78), 1635-1640 (2007)