

ECGF1 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7295c**Specification**

ECGF1 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	P19971
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	49955
Antigen Region	318-345

ECGF1 Antibody (Center) - Additional Information**Gene ID** 1890**Other Names**

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

Target/Specificity

This ECGF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 318-345 amino acids from the Central region of human ECGF1.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ECGF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ECGF1 Antibody (Center) - Protein Information**Name** TYMP ([HGNC:3148](#))**Synonyms** ECGF1

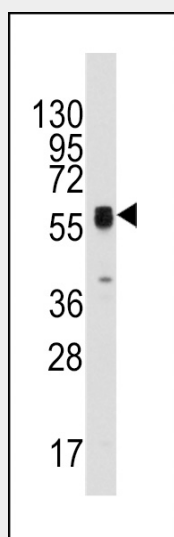
Function May have a role in maintaining the integrity of the blood vessels. Has growth promoting activity on endothelial cells, angiogenic activity in vivo and chemotactic activity on endothelial cells in vitro.

ECGF1 Antibody (Center) - Protocols

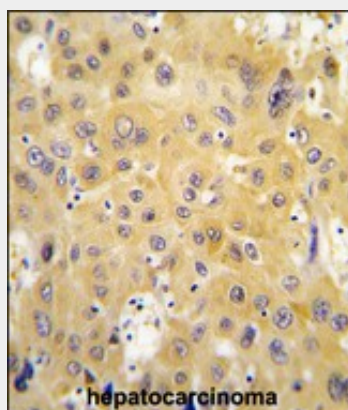
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ECGF1 Antibody (Center) - Images



Western blot analysis of anti-ECGF1(Center) Pab (Cat.#AP7295c) in HepG2 cell line lysates (35ug/lane). ECGF1(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ECGF1 antibody (Center) (Cat.#AP7295c), which was peroxidase-conjugated to the secondary antibody,

followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ECGF1 Antibody (Center) - 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 (Center) - References

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