

Rabbit anti-Human ECGF1 Polyclonal Antibody | anti-TYMP antibody

ECGF1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288088	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

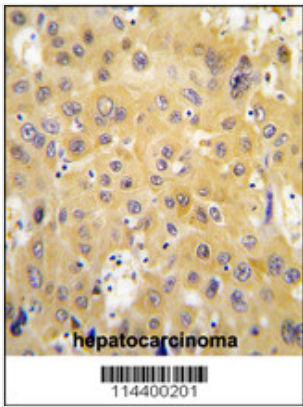
PRODUCT SYNONYMS

ECGF1; Polyclonal Antibody; ECGF1 Antibody (Center); Thymidine phosphorylase; TP; Gliostatin; Platelet-derived endothelial cell growth factor; PD-ECGF; TdRPase; TYMP; anti-TYMP antibody

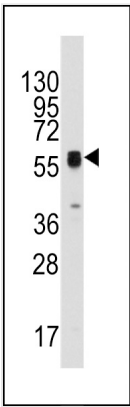
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	318-345
Sequence Length	482
Applicable Applications for anti-TYMP antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ECGF1 antibody (Center) , 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-TYMP antibody	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.
Product Categories/Family for anti-TYMP antibody	Cardiovascular; Signal Transduction
References	Stenman,G.,Cytogenet. Cell Genet. 59 (1), 22-23 (1992) Jinfeng,M.,Hepatogastroenterology 54 (78), 1635-1640 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	166158922
NCBI GeneID	1890
NCBI Accession #	NP_001107227.1; NP_001107228.1; NP_001244917.1; NP_001244918.1; NP_001944.1
NCBI GenBank Nucleotide #	NM_001113755.2
UniProt Accession #	P19971; Q13390; Q8WVB7; A8MW15; H9KVA0
Molecular Weight	49955
NCBI Official Full Name	thymidine phosphorylase isoform 1 proprotein
NCBI Official Synonym Full Names	thymidine phosphorylase
NCBI Official Symbol	TYMP
NCBI Official Synonym Symbols	TP; ECGF; ECGF1; MNGIE; MEDPS1; MTDPS1; PDECGF; hPD-ECGF
NCBI Protein Information	thymidine phosphorylase
UniProt Protein Name	Thymidine phosphorylase
UniProt Gene Name	TYMP
UniProt Synonym Gene Names	ECGF1; TP; PD-ECGF
UniProt Entry Name	TYPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ecgf1-antibody-immunohistochemistry-western-blot-elisa/288088>