

Datasheet for ABIN391460

anti-Thymidine Phosphorylase antibody (AA 318-345)**2** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Thymidine Phosphorylase (TYMP)
Binding Specificity:	AA 318-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB14400
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Thymidine Phosphorylase (TYMP)
Alternative Name:	ECGF1 (TYMP Products)
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

Target Details

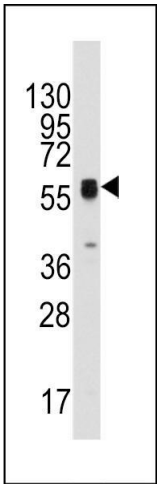
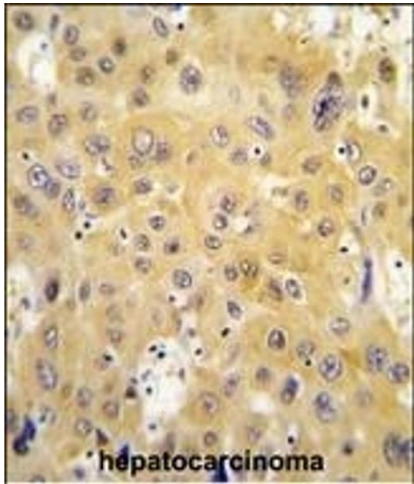
	on endothelial cells. Mutations in the gene encoding ECGF1 have been associated with mitochondrial neurogastrointestinal encephalomyopathy.
Molecular Weight:	49955
Gene ID:	1890
NCBI Accession:	NP_001107227 , NP_001107228 , NP_001244917 , NP_001244918 , NP_001944
UniProt:	P19971
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ECGF1 antibody (Center) (ABIN391460 and ABIN2841435) , 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.

Western Blotting

Image 2. Western blot analysis of anti-ECGF1(Center) Pab (ABIN391460 and ABIN2841435) in HepG2 cell line lysates (35 µg/lane). ECGF1(arrow) was detected using the purified Pab.