

产品名称: PD-ECGF Rabbit Polyclonal Antibody
产品货号: APRab15898



产品概述 (Summary)

产品名称 (Production Name)	PD-ECGF Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TYMP
别名 (Alternative Names)	TYMP; ECGF1; Thymidine phosphorylase; TP; Gliostatin; Platelet-derived endothelial cell growth factor; PD-ECGF; TdRPase
基因 ID (Gene ID)	1890.0
蛋白 ID (SwissProt ID)	P19971.The antiserum was produced against synthesized peptide derived from the N-terminal region of human TYMP. AA range:11-60

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	50kDa

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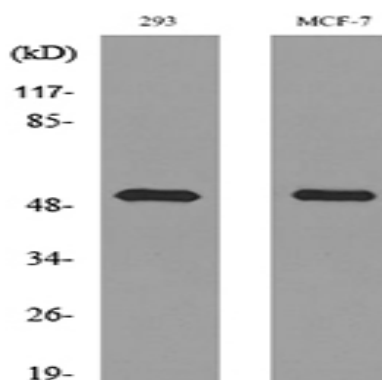
研究背景 (Background)

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 neurogastrointestinal encephalomyopathy. Multiple alternatively spliced transcript variants have been identified. [provided by RefSeq, Apr 2012], catalytic activity: Thymidine + phosphate = thymine + 2-deoxy-alpha-D-ribose 1-phosphate., disease: Defects in TYMP are the cause of mitochondrial neurogastrointestinal encephalomyopathy (MNGIE) [MIM:603041]; also known as myoneurogastrointestinal encephalomyopathy. MNGIE is an autosomal recessive disease associated with multiple deletions of skeletal muscle mitochondrial DNA (MtDNA). It is clinically characterized by onset between the second and fifth decades of life, ptosis, progressive external ophthalmoplegia, gastrointestinal dysmotility (often pseudoobstruction), diffuse leukoencephalopathy, thin body habitus, peripheral neuropathy, and myopathy., function: Catalyzes the reversible phosphorolysis of thymidine. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis., 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., pathway: Pyrimidine metabolism; dTMP biosynthesis via salvage pathway; dTMP from thymine: step 1/2., similarity: Belongs to the thymidine/pyrimidine-nucleoside phosphorylase family., subunit: Homodimer.,

研究领域 (Research Area)

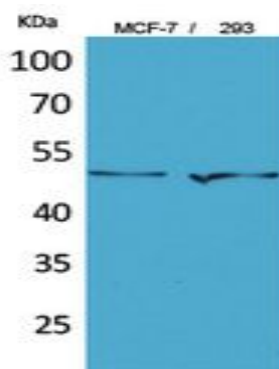
Pyrimidine metabolism; Drug metabolism; Bladder cancer;

图片 (Image Data)

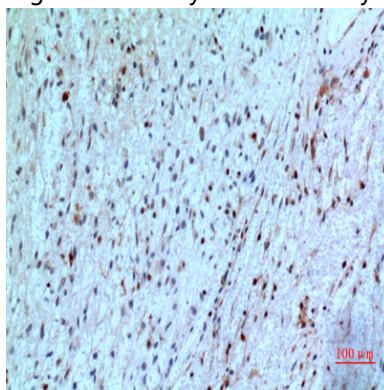


Western blot analysis of lysate from 293, MCF-7 cells, using TYMP Antibody.

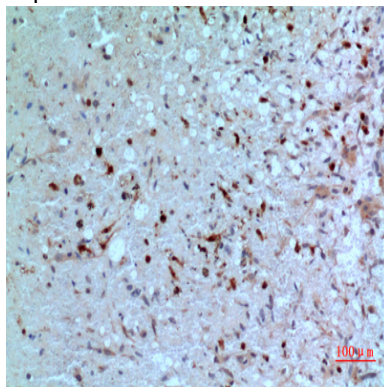
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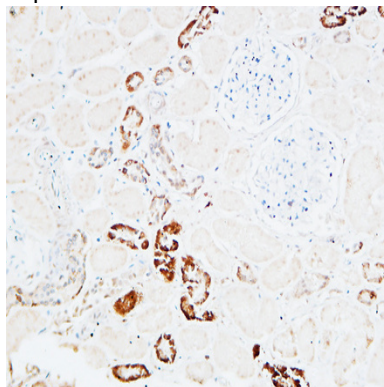
Western Blot analysis of MCF-7, 293 cells using PD-ECGF Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



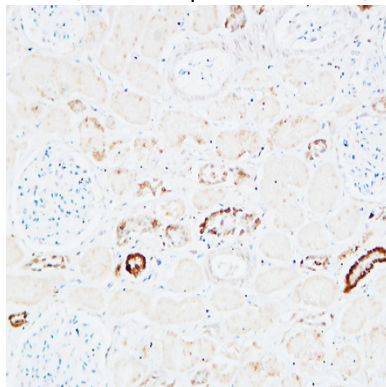
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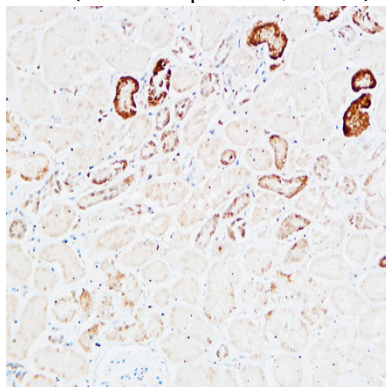
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Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



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注意事项 (Note)

For research use only .