

产品名称: TAT Rabbit Polyclonal Antibody
产品货号: APRab18653



产品概述 (Summary)

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

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)	TAT
别名 (Alternative Names)	TAT; Tyrosine aminotransferase; TAT; L-tyrosine:2-oxoglutarate aminotransferase
基因 ID (Gene ID)	6898.0
蛋白 ID (SwissProt ID)	P17735. The antiserum was produced against synthesized peptide derived from human TAT. AA range: 255-304

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

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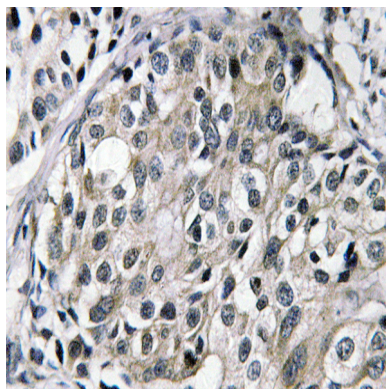
研究背景 (Background)

This nuclear gene encodes a mitochondrial protein tyrosine aminotransferase which is present in the liver and catalyzes the conversion of L-tyrosine into p-hydroxyphenylpyruvate. Mutations in this gene cause tyrosinemia (type II, Richner-Hanhart syndrome), a disorder accompanied by major skin and corneal lesions, with possible mental retardation. A regulator gene for tyrosine aminotransferase is X-linked. [provided by RefSeq, Jul 2008], catalytic activity: L-tyrosine + 2-oxoglutarate = 4-hydroxyphenylpyruvate + L-glutamate, cofactor: Pyridoxal phosphate, disease: Defects in TAT are the cause of tyrosinemia type 2 (TYRO2) [MIM:276600]; also known as Richner-Hanhart syndrome. TYRO2 is an inborn error of metabolism characterized by elevations of tyrosine in the blood and urine, and oculocutaneous manifestations. Typical features include palmoplantar keratosis, painful corneal ulcers, and mental retardation, pathway: Amino-acid degradation; L-phenylalanine degradation; acetoacetic acid and fumarate from L-phenylalanine: step 2/6, similarity: Belongs to the class-I pyridoxal-phosphate-dependent aminotransferase family, subunit: Homodimer,

研究领域 (Research Area)

Ubiquinone and other terpenoid-quinone biosynthesis; Cysteine and methionine metabolism; Tyrosine metabolism; Phenylalanine metabolism; Phenylalanine; tyrosine and tryptophan biosynthesis;

图片 (Image Data)



Immunohistochemistry analysis of TAT antibody in paraffin-embedded human breast carcinoma tissue.

注意事项 (Note)

For research use only .