

For Research Use Only

TAT Polyclonal antibody, PBS Only

Catalog Number: 33698-1-PBS



Basic Information

Catalog Number: 33698-1-PBS	GenBank Accession Number: BC130534	Purification Method: Antigen affinity Purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6898	
Source: Rabbit	UNIPROT ID: P17735	
Isotype: IgG	Full Name: tyrosine aminotransferase	
Immunogen Catalog Number: AG39227		

Applications

Tested Applications:
IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Tyrosine aminotransferase, also known as tyrosine transaminase, is the first enzyme in the catabolic pathway of tyrosine. The gene of this transaminase is regulated by glucocorticoid hormones as well as via the cAMP pathway. TAT reversibly catalyses Tyr to 4-hydroxyphenylpyruvate (4-HPP), which is the substrate for pathways producing plastoquinone^{31, 32}, tocopherols³³, phenolic acid^{14, 28}, and benzylisoquinoline alkaloid (BIA)³⁴ in plants, although tyrosine is synthesised from 4-HPP by TAT in bacteria (28687763).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

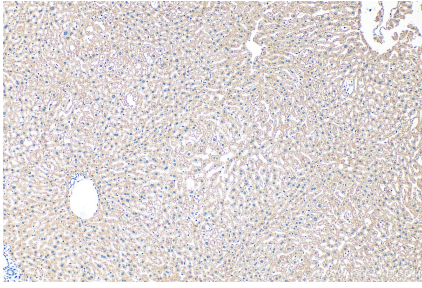
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

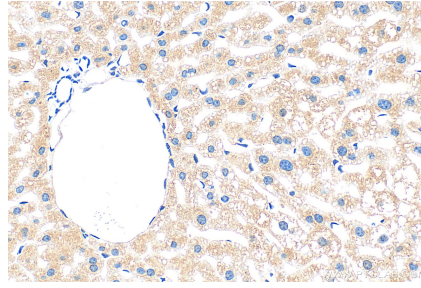
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

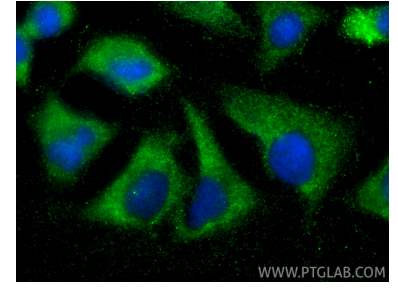
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 33698-1-AP (TAT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33698-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 33698-1-AP (TAT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33698-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using TAT antibody (33698-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 33698-1-PBS in a different storage buffer formulation.