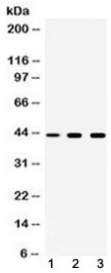
TAT Antibody / Tyrosine aminotransferase (R32592)

Catalog No.	Formulation	Size
R32592	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P17735
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml
Limitations	This TAT antibody is available for research use only.



Western blot testing of 1) rat spleen, 2) mouse liver and 3) human A549 cell lysate with TAT antibody at 0.5ug/ml. Expected molecular weight 45-50 kDa.

Description

The nuclear gene TAT encodes the 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.

Application Notes

Optimal dilution of the TAT antibody should be determined by the researcher.

Immunogen

Amino acids 169-208 (FSLYKTLAESMGIEVKLYNLLPEKSWEIDLKQLEYLIDEK-human) were used as the immunogen for the TAT antibody.

Storage

After reconstitution, the TAT antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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