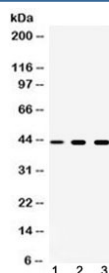


## TAT Antibody / Tyrosine aminotransferase (R32592)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P17735
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.