Datasheet for ABIN5647931

anti-TAT antibody (AA 169-208)

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Overview

Quantity:	100 µg
Target:	TAT
Binding Specificity:	AA 169-208
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 169-208 (FSLYKTLAESMGIEVKLYNLLPEKSWEIDLKQLEYLIDEK-human) were used as the immunogen for the TAT antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	TAT
Alternative Name:	TAT / Tyrosine aminotransferase (TAT Products)
Background:	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

Target Details

	accompanied by major skin and corneal lesions, with possible mental retardation. A regulator gene for tyrosine aminotransferase is X-linked.
UniProt:	P17735
Pathways:	Response to Water Deprivation

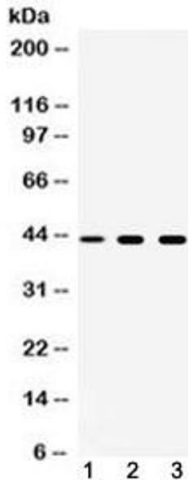
Application Details

Application Notes:	Optimal dilution of the TAT antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	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.

Images



Western Blotting

Image 1. 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.