

TAT Rabbit pAb

Catalog No.: A6764

Basic Information

Observed MW

55kDa

Calculated MW

50kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

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 cognitive disability. A regulator gene for tyrosine aminotransferase is X-linked.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:500 - 1:1000

Immunogen Information

Gene ID

6898

Swiss Prot

P17735

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human TAT (NP_000344.1).

Synonyms

TAT

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

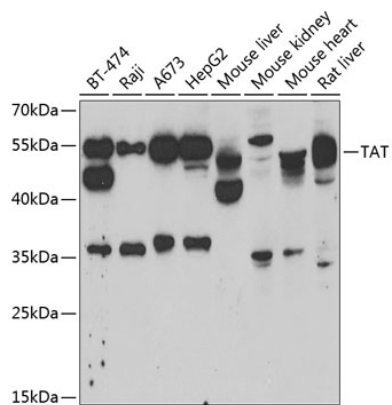
Affinity purification

Storage

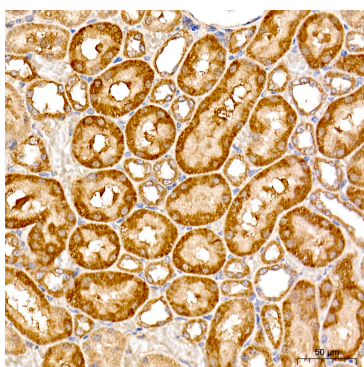
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using TAT Rabbit pAb (A6764) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5min.



Immunohistochemistry analysis of TAT in paraffin-embedded rat kidney tissue using TAT Rabbit pAb (A6764) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.