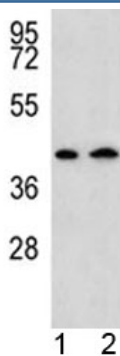


## AADAT Antibody (F40508)

Catalog No.	Formulation	Size
F40508-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40508-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q8N5Z0
<b>Applications</b>	Western blot : 1:1000
<b>Limitations</b>	This AADAT antibody is available for research use only.



AADAT antibody western blot analysis in human 1) HepG2, and 2) Y79 lysate. Predicted molecular weight: ~47 kDa.

## Description

Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial, is highly similar to mouse and rat kynurenine aminotransferase II. The rat protein is a homodimer with two transaminase activities. One activity is the transamination of alpha-aminoadipic acid, a final step in the saccaropine pathway which is the major pathway for L-lysine catabolism. The other activity involves the transamination of kynurenine to produce kynurenine acid, the precursor of kynurenic acid which has neuroprotective properties.

## Application Notes

Titration of the AADAT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 196-224 from the human protein was used as the immunogen for this AADAT antibody.

## Storage

Aliquot the AADAT antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.