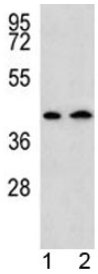
AADAT Antibody (F40508)

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

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8N5Z0
Applications	Western blot: 1:1000
Limitations	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.

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