

Datasheet for ABIN654120
anti-AADAT antibody (AA 196-224)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	AADAT
Binding Specificity:	AA 196-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AADAT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This AADAT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 196-224 amino acids from the Central region of human AADAT.
Clone:	RB22817
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AADAT
Alternative Name:	AADAT (AADAT Products)
Background:	This gene encodes a protein that is highly similar to mouse and rat kynurenine

Target Details

aminotransferase II. The rat protein is a homodimer with two transaminase activities. One activity is the transamination of alpha-amino adipic 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. Two alternative transcripts encoding the same isoform have been identified, however, additional alternative transcripts and isoforms may exist.

Molecular Weight: 47352

Gene ID: 51166

NCBI Accession: [NP_057312](#), [NP_872603](#)

UniProt: [Q8N5Z0](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

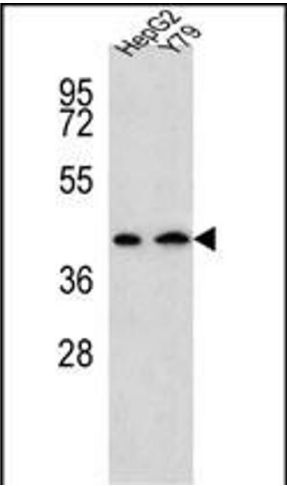
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. DAT Antibody (Center) (ABIN654120 and ABIN2843997) western blot analysis in HepG2,Y79 cell line lysates (35 µg/lane).This demonstrates the DAT antibody detected the DAT protein (arrow).