

Datasheet for ABIN7235726

anti-ACMSD antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	ACMSD
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACMSD antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human ACMSD
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ACMSD
Alternative Name:	ACMSD (ACMSD Products)
Background:	The neuronal excitotoxin quinolinate is an intermediate in the de novo synthesis pathway of NAD from tryptophan, and has been implicated in the pathogenesis of several neurodegenerative disorders. Quinolinate is derived from alpha-amino-beta-carboxy-muconate-epsilon-semialdehyde (ACMS). ACMSD (ACMS decarboxylase, EC 4.1.1.45) can divert ACMS to

Target Details

a benign catabolite and thus prevent the accumulation of quinolinate from ACMS.

Molecular Weight: 38 kDa

UniProt: [Q8TDX5](#)

Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

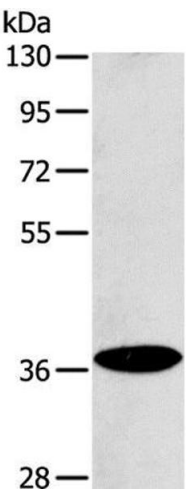
Preservative: Sodium azide

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

Storage: -20 °C

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

Images



Western Blotting

Image 1. Western Blot analysis of Raji cell using ACMSD Polyclonal Antibody at dilution of 1:400