

## ACMSD Antibody

Catalog No: #36019

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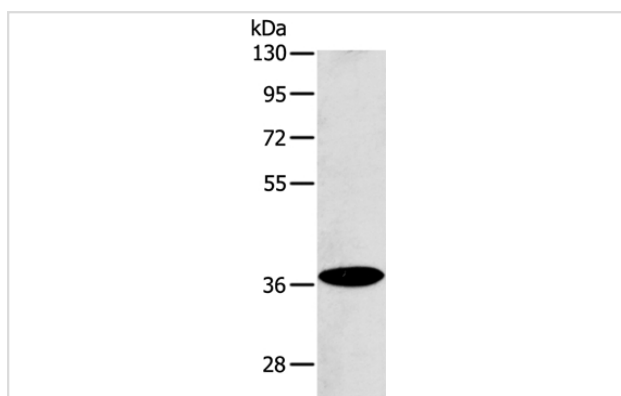
## Description

Product Name	ACMSD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ACMSD protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	ACMSD
Other Names	Picolinate carboxylase;aminocarboxymuconate semialdehyde decarboxylase
Accession No.	Swiss-Prot#: Q8TDX5NCBI Gene ID: 130013Gene Accssion: BC016018
Uniprot	Q8TDX5
GeneID	130013;
SDS-PAGE MW	38kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

## Images



Gel: 10%SDS-PAGE  
 Lysate: 40ug Raji cell  
 Primary antibody: 1/400 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 20 seconds

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

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Note: This product is for in vitro research use only