

Datasheet

ACMSD monoclonal antibody (M01), clone 3A9

Catalog Number: H00130013-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ACMSD.

Clone Name: 3A9

Immunogen: ACMSD (NP_612199, 179 a.a. ~ 278 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

SHGFSMRPDLCAQDNPMNPKKYLGSFYTDALVHDPL
SLKLLTDVIGKDKVILGTDYFPLGELEPGKLIESMEEF
DEETKNKLKAGNALAFLGLERKQFE

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 130013

Gene Symbol: ACMSD

Gene Alias: -

Gene Summary: 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-m uconate-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.[supplied by OMIM]