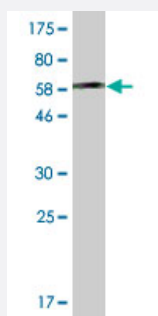


AHCY monoclonal antibody (M10A), clone 2F11-1D10

Catalog # H00000191-M10A

Size 200 uL

Applications



Western Blot detection against Immunogen (73.26 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant AHCY.

Immunogen

AHCY (AAH11606, 1 a.a. ~ 432 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MSDKLPYKVADIGLAAWGRKALDIAENEMPGLMRMRERYSASKPLKGARIAGCLHMTVETAVLIE
TLVTLGAEVQWSSCNIFSTQDHAAAAIAKAGIPVYAWKGETDEEYLWCIEQTLYFKDGPLNMILDD
GGDLTNLIHTKHPQLPGIRGISEETTTGVHNLKMMANGILKVPAINVND SVTKSKFDNLYGCRESL
IDGIKRATDVMIA GKVA VVAGYGDVGKGCAQALRGFGARVIITEIDPINALQAAMEGYEVTMDEAC
QEGNIFVTTTGCIDILGRHFEQMKDDAIVCNIGHFDVEIDVKWLNENAVEKVNIKPQVDRYRLKNGR
RIILLAEGRVLNLCAMGHPSFVMSNSFTNQVMAQIELWTHPDKYPVGVHFLPKKLDEAVAEHL
GKLVNKLTKLTEKQAQYLGMSCDGPFKPDHYRY

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (97); Rat (97)

Isotype

IgM Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (73.26 KDa) .

Storage Buffer

In ascites fluid

Storage Instruction

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

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — AHCY

Entrez GeneID[191](#)**GeneBank Accession#**[BC011606](#)**Protein Accession#**[AAH11606](#)**Gene Name**

AHCY

Gene Alias

SAHH

Gene Description

S-adenosylhomocysteine hydrolase

Omim ID[180960](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

S-adenosylhomocysteine hydrolase belongs to the adenosylhomocysteinase family. It catalyzes the reversible hydrolysis of S-adenosylhomocysteine (AdoHcy) to adenosine (Ado) and L-homocysteine (Hcy). Thus, it regulates the intracellular S-adenosylhomocysteine (SAH) concentration thought to be important for transmethylation reactions. Deficiency in this protein is one of the different causes of hypermethioninemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000030684|adenosylhomocysteinase

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

- [Selenoamino acid metabolism](#)

Disease

- [Aortic Aneurysm](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Hyperhomocysteinemia](#)
- [Microsatellite Instability](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Spinal Dysraphism](#)
- [Stroke](#)
- [Tooth Abnormalities](#)
- [Venous Thrombosis](#)