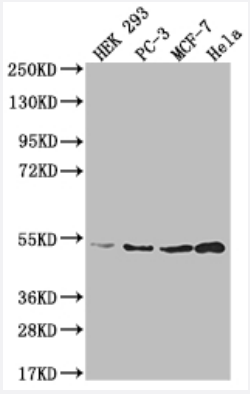
RecomAb™ Sm Size

AHCY recombinant monoclonal antibody, clone 13H8

Catalog # RAB08415 Size 50 uL

Applications



Western Blot

Western Blot analysis of
Lane 1: HEK293 whole cell lysate;
Lane 2: PC-3 whole cell lysate; Lane3: MCF-7 whole cell lysate;
Lane 4: Hela whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human AHCY.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human AHCY.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Western Blot(1:500-1:2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

  Western Blot analysis of
  Lane 1: HEK293 whole cell lysate;
  Lane 2: PC-3 whole cell lysate; Lane3: MCF-7 whole cell lysate;
  Lane 4: Hela whole cell lysate.

Gene Info — AHCY

Entrez GeneID	191
Protein Accession#	P23526
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 th e reversible hydrolysis of S-adenosylhomocysteine (AdoHcy) to adenosine (Ado) and L-homocyst eine (Hcy). Thus, it regulates the intracellular S-adenosylhomocysteine (SAH) concentration thoug ht to be important for transmethylation reactions. Deficiency in this protein is one of the different c auses of hypermethioninemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000030684|adenosylhomocysteinase

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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

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