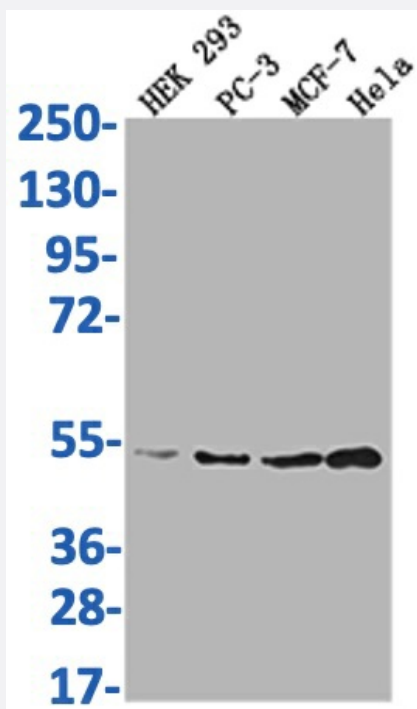


RecomAb™

AHCY recombinant monoclonal antibody, clone 13H8

Catalog # RAB07611 Size 100 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
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.
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 should be handled by trained staff only.

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.

- Enzyme-linked Immunoabsorbent Assay

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 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](#)