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AHCY Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11201a

Specification

AHCY Antibody (N-term) Blocking peptide - Product Information

Primary Accession P23526

AHCY Antibody (N-term) Blocking peptide - Additional Information

Gene ID 191

Other Names
Adenosylhomocysteinase, AdoHcyase, S-adenosyl-L-homocysteine hydrolase, AHCY, SAHH

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AHCY Antibody (N-term) Blocking peptide - Protein Information

Name AHCY

Synonyms SAHH

Function
Catalyzes the hydrolysis of S-adenosyl-L-homocysteine to form adenosine and homocysteine (PubMed:10933798). Binds copper ions (By similarity).

Cellular Location
Cytoplasm. Melanosome. Nucleus. Endoplasmic reticulum. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

AHCY Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

AHCY Antibody (N-term) Blocking peptide - Images

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AHCY Antibody (N-term) Blocking peptide - Background

S-adenosylhomocysteine hydrolase belongs to theadenosylhomocysteinase family. It catalyzes the reversiblehydrolysis of S-adenosylhomocysteine (AdoHcy) to adenosine (Ado)and L-homocysteine (Hcy). Thus, it regulates the intracellularS-adenosylhomocysteine (SAH) concentration thought to be importantfor transmethylation reactions. Deficiency in this protein is oneof the different causes of hypermethioninemia. Alternativelyspliced transcript variants encoding different isoforms have beenfound for this gene.

AHCY Antibody (N-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Gass, N., et al. J Affect Disord 126 (1-2), 134-139 (2010) :Giusti, B., et al. Thromb. Haemost. 104(2):231-242(2010)Levine, A.J., et al. Cancer Epidemiol. Biomarkers Prev. 19(7):1812-1821(2010)Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :