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AHCY Antibody

Rabbit mAb
Catalog # AP92646

Product Information

Application	WB
Primary Accession	P23526
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Adenosylhomocysteinase; AdoHcyase; ahcY; SAHH;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47716

Additional Information

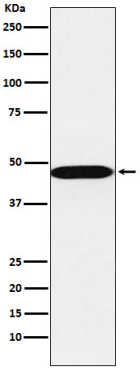
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from AHCY
Description	Adenosylhomocysteine is a competitive inhibitor of S-adenosyl-L-methionine-dependent methyl transferase reactions; therefore adenosylhomocysteinase may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

Images

Western blot analysis of AHCY expression in A549 cell lysate.



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