

For Research Use Only

AHCY Monoclonal antibody, PBS Only



Catalog Number: 66019-1-PBS

Basic Information

Catalog Number: 66019-1-PBS	GenBank Accession Number: BC011606	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 191	CloneNo.: 1F9B10
Source: Mouse	UNIPROT ID: P23526	
Isotype: IgG2b	Full Name: S-adenosylhomocysteine hydrolase	
Immunogen Catalog Number: AG18036	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
human

Background Information

AHCY, also named as SAHH, belongs to the adenosylhomocysteinase family. AHCY is a competitive inhibitor of S-adenosyl-L-methionine-dependent methyl transferase reactions; therefore AHCY may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine. AHCY catalyzes the reversible hydrolysis of S-adenosylhomocysteine to adenosine and L-homocysteine. (PMID:21220475).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

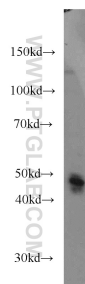
T: 4006900926

E: Proteintech-CN@ptglab.com

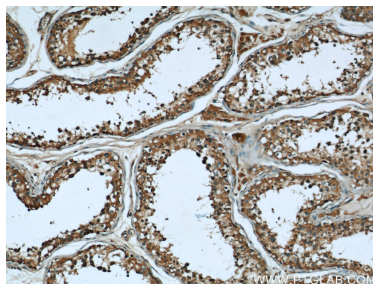
W: ptgcn.com

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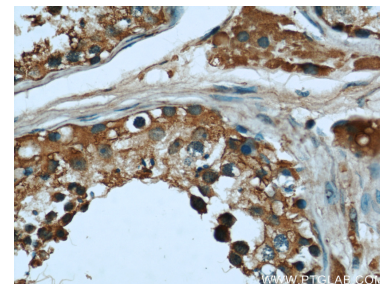
Selected Validation Data



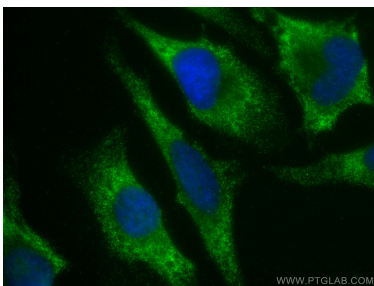
HeLa cells were subjected to SDS PAGE followed by western blot with 66019-1-Ig (AHCY antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 66019-1-Ig(AHCY antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 66019-1-Ig(AHCY antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AHCY antibody (66019-1-Ig, Clone: 1F9B10) at dilution of 1:4000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.