

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: 100ug, Concentration: 1 mg/ml by Nanodrop;	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

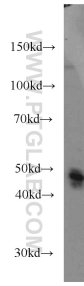
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

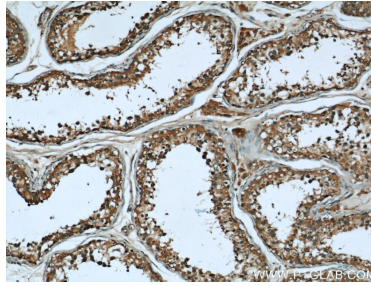
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

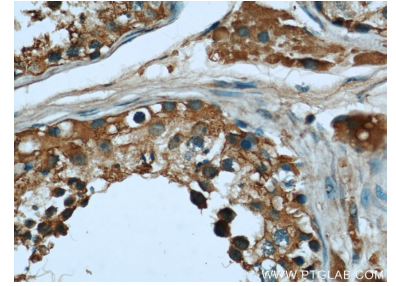
Selected Validation Data



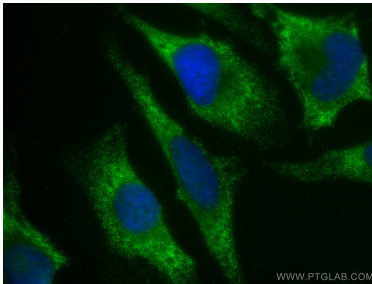
HeLa cells were subjected to SDS PAGE followed by western blot with 66019-1-Ig (AHCY antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.



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.