

AHCY Polyclonal Antibody

Catalog number: 10757-2-AP

Size: 35 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

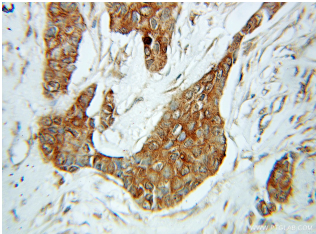
AHCY;

Adenosylhomocysteinase,

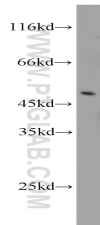
AdoHcyase, AHCY, S

adenosylhomocysteine

hydrolase, SAHH



Immunohistochemical of paraffin-embedded human breast cancer using 10757-2-AP (AHCY antibody) at dilution of 1:100 (under 10x lens)



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 10757-2-AP (AHCY antibody) at dilution of 1:1000

Background

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).

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Amphioxus, human, mouse
Calculated AHCY MW:	48 kDa
Observed AHCY MW:	48 kDa
Positive WB detected in	Mouse thymus tissue, HeLa cells
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1208
GenBank accession number:	BC011606
Gene ID (NCBI):	191
Full name:	S-adenosylhomocysteine hydrolase

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.