

AHCY Polyclonal Antibody

Catalog NumberPA5-27400

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 168 and 419 of Human AHCY	Immunocytochemistry (ICC/IF)	1:100-1:1,000
Conjugate	Unconjugated	<div>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</div>	
Form	Liquid		
Concentration	8.5 mg/mL		
Purification	Protein A		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

**Product specific information**

Recommended positive controls: A431, HepG2. Predicted reactivity: Mouse (98%), Rat (97%), Zebrafish (86%), Xenopus laevis (90%), Pig (98%), Chimpanzee (100%), Bovine (97%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

**Background/Target Information**

S-adenosylhomocysteine hydrolase (AHCY) catalyzes the reversible hydrolysis of S-adenosylhomocysteine (AdoHcy) to adenosine (Ado) and L-homocysteine (Hcy). Thus, it regulates the intracellular S-adenosylhomocysteine (SAH) concentration thought to be important for transmethylation reactions. Deficiency in this protein is one of the different causes of hypermethioninemia. S-adenosylhomocysteine hydrolase belongs to the adenosylhomocysteinase family.

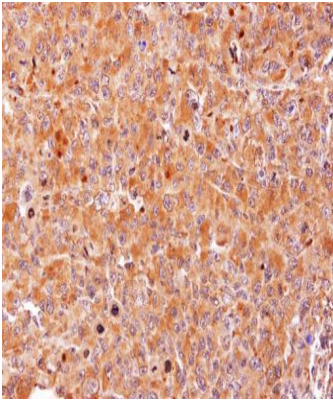
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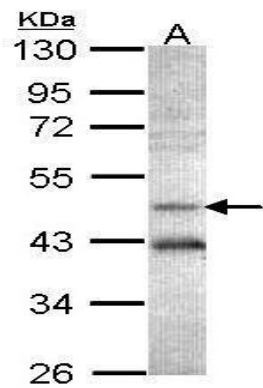
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Product Images For AHCY Polyclonal Antibody



AHCY Antibody (PA5-27400) in IHC (P)

Immunohistochemical analysis of paraffin-embedded H1299 xenograft, using AHCY antibody (Product # PA5-27400) at 1:100 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



AHCY Antibody (PA5-27400) in WB

Western Blot using AHCY Polyclonal Antibody (Product # PA5-27400). Sample (30 µg of whole cell lysate). Lane A: Hep G2 . 7.5% SDS PAGE. AHCY Polyclonal Antibody (Product # PA5-27400) diluted at 1:1,000.

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