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Datasheet for ABIN2855528 anti-BHMT antibody

3 Images



Overview

Quantity:	100 µL
Target:	BHMT
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human BHMT. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to BHMT (betaine-homocysteine methyltransferase) BHMT antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	BHMT
Alternative Name:	betainehomocysteine S-methyltransferase (BHMT Products)

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Target Details		
Background:	This gene encodes a cytosolic enzyme that catalyzes the conversion of betaine and homocysteine to dimethylglycine and methionine, respectively. Defects in this gene could lead to hyperhomocyst(e)inemia, but such a defect has not yet been observed.	
Molecular Weight:	45 kDa	
Gene ID:	635	
UniProt:	Q93088	
Pathways:	Methionine Biosynthetic Process	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: HepG2 , mouse liver	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	

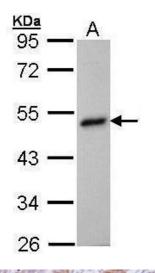
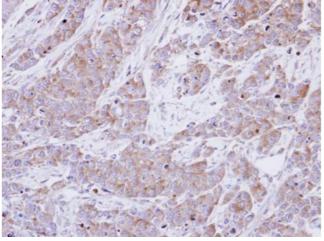


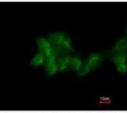


Image 1. WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , 10% SDS PAGE antibody diluted at 1:1000

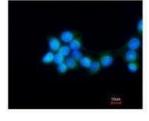


Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded SG xenograft , using BHMT, antibody at 1:100 dilution.



Costained with Hoechst 33342



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of methanol-fixed HepG2, using BHMT, antibody at 1:200 dilution.

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