



Datasheet for ABIN306415
anti-BHMT antibody



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2 Images

Overview

Quantity:	100 µL
Target:	BHMT
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BHMT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant BHMT, Accession / GI number: AAH12616
Clone:	3D6
Isotype:	Kappa
Purification:	The antibody was purified from mouse ascitic fluids by protein-G affinity chromatography

Target Details

Target:	BHMT
Alternative Name:	BHMT (BHMT Products)
Background:	Betaine homocysteine methyltransferase (BHMT), a cytosolic enzyme, and its partial fragments were discovered as autolysosomal membrane proteins from rat liver in the presence of leupeptin. BHMT was also found in human liver. BHMT transfers a methyl group from betaine to homocysteine to form DMG (dimethylglycine) and Met. In vivo, liver BHMT expression is

Target Details

influenced by dietary changes in sulphur amino acids, choline and betaine.

Pathways: [Methionine Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilution 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1mg/ml

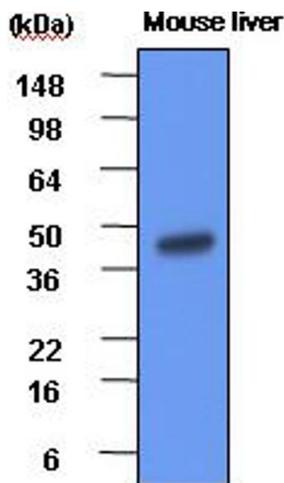
Buffer: In Phosphate-Buffered Saline (pH7.4) with 0.1% Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

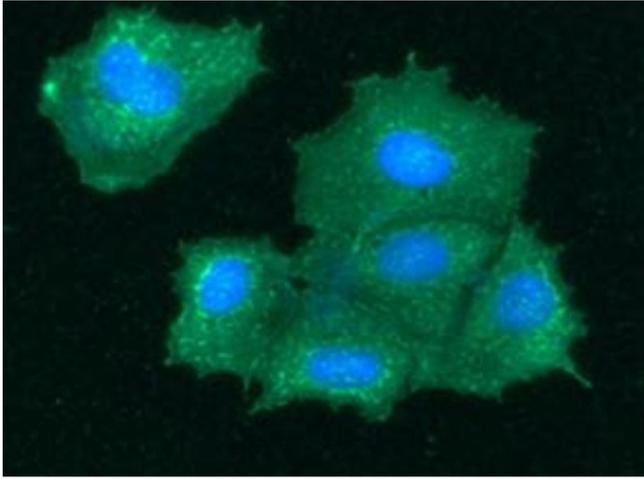
Storage: -20 °C

Images



Western Blotting

Image 1.



Immunofluorescence

Image 2. ICC/IF analysis of BHMT in Hep3B cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human BHMT antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).