antibodies -online.com





anti-BHMT antibody

2 Images

2

Publications



Go to Product page

Overview

Quantity:	100 μL
Target:	BHMT
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Purified recombinant fragment of BHMT expressed in E. coli.
Clone:	8C11H5
Isotype:	lgG1
Purification:	purified

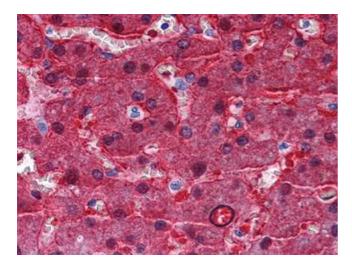
Target Details

Target:	BHMT
Alternative Name:	BHMT (BHMT Products)
Background:	Description: BHMT: betaine-homocysteine methyltransferase. This protein is 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. Aliases: BHMT

Target Details Gene ID: 635 HGNC: 635 Pathways: Methionine Biosynthetic Process **Application Details** ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000 **Application Notes:** Restrictions: For Research Use only Handling Format: Liquid Buffer: Ascitic fluid containing 0.03 % 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: 4 °C/-20 °C Storage Comment: 4°C, -20°C for long term storage **Publications** Jan, Adolfsson, Allaman, Buccarello, Magistretti, Pfeifer, Muhs, Lashuel: "Abeta42 neurotoxicity Product cited in:

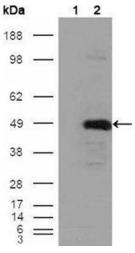
Jan, Adolfsson, Allaman, Buccarello, Magistretti, Pfeifer, Muhs, Lashuel: "Abeta42 neurotoxicity is mediated by ongoing nucleated polymerization process rather than by discrete Abeta42 species." in: **The Journal of biological chemistry**, Vol. 286, Issue 10, pp. 8585-96, (2011) (PubMed).

Deshmukh, Salehzadeh, Metayer-Coustard, Fahlman, Nair, Al-Khalili: "Post-transcriptional gene silencing of ribosomal protein S6 kinase 1 restores insulin action in leucine-treated skeletal muscle." in: **Cellular and molecular life sciences : CMLS**, Vol. 66, Issue 8, pp. 1457-66, (2009) (PubMed).



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded human Liver tissues using BHMT mouse mAb



Western Blotting

Image 2. Figure 1: Western blot analysis using BHMT mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY BHMT cDNA (2).