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anti-BHMT antibody (C-Term)

Images

Overview



Quantity:	100 μL
Target:	ВНМТ
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA
Product Details	
Immunogen:	A synthesized peptide derived from human BHMT, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	BHMT Antibody detects endogenous levels of total BHMT.
Predicted Reactivity:	Bovine,Horse,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling

Target Details

Target: **BHMT**

Resin (Thermo Fisher Scientific).

Target Details

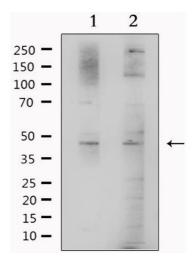
Alternative Name:	BHMT (BHMT Products)
Background:	Description: Involved in the regulation of homocysteine metabolism. Converts betaine and
	homocysteine to dimethylglycine and methionine, respectively. This reaction is also required for
	the irreversible oxidation of choline.
	Gene: BHMT
Molecular Weight:	45kDa
Gene ID:	635
UniProt:	Q93088
Pathways:	Methionine Biosynthetic Process

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

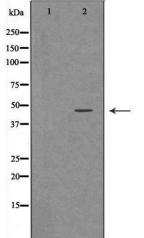
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit lgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



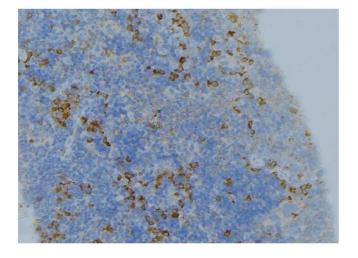
Western Blotting

Image 1. Western blot analysis of extracts from various samples, using BHMT Antibody. lane 1: rat brain; lane 2: mouse brain;



Western Blotting

Image 2. Western blot analysis of 293T lysate using BHMT antibody. The lane on the left is treated with the antigenspecific peptide.



Immunohistochemistry

Image 3. ABIN6276616 at 1/100 staining Human lymph node tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary