

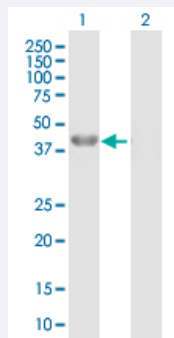
MaxPab®

BHMT purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000635-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of BHMT expression in transfected 293T cell line ([H00000635-T03](#)) by BHMT MaxPab polyclonal antibody.

Lane 1: BHMT transfected lysate(45.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human BHMT protein.
Immunogen	BHMT (AAH12616.1, 1 a.a. ~ 406 a.a) full-length human protein.
Sequence	MPPVGGKKAKKGILERLNAGEVIGDGGFVFALEKRGYVKAGPWTPEAAVEHPEAVRQLHREFLR AGSNVMQTFTFYASEDKLENRGNVLEKISGQEVNEAACDIARQVADEGDALVAGGVSQTPSYL SCKSETEVKKVFLQQLEVFMKKNVDFLIAEYFEHVVEEAVWAVETLIASGKPVAATMCIGPEGDLH GVPPGECVRLVKAGASIIGVNCHFDPTISLKTVKLMKEGLEAARLKAHLMSQPLAYHTPDCNKQ GFIDLPEFPFGLPRVATRWDIQKYAREAYNLGVRYIGGCCGFEPYHIRAIEELAPERGFLPPASE KHGSWGSGLDMHTKPWVRARARKEYWENLRIASGRPYNPSMSKPDGWGVTKGTAELMQQKEA TTEQQLKELFEKQKFKSQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — BHMT

Entrez GeneID [635](#)

GeneBank Accession# [BC012616](#)

Protein Accession# [AAH12616.1](#)

Gene Name BHMT

Gene Alias -

Gene Description betaine-homocysteine methyltransferase

Omim ID [602888](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations betaine homocysteine methyltransferase

Pathway

- [Cysteine and methionine metabolism](#)
- [Glycine](#)
- [Metabolic pathways](#)

Disease

- [Abruptio Placentae](#)
- [Adenocarcinoma](#)
- [Aortic Aneurysm](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Choline Deficiency](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hyperhomocysteinemia](#)
- [Hypoplastic Left Heart Syndrome](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)

- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Diseases](#)
- [Mouth Abnormalities](#)
- [Neural Tube Defects](#)
- [Obesity](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Spinal Dysraphism](#)
- [Stroke](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)