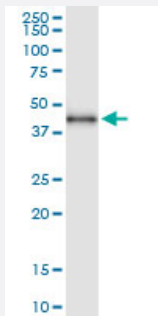


BHMT2 (Human) IP-WB Antibody Pair

Catalog # H00023743-PW1

Size 1 Set

Applications



Immunoprecipitation of BHMT2 transfected lysate using rabbit polyclonal anti-BHMT2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-BHMT2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of BHMT2 transfected lysate using rabbit polyclonal anti-BHMT2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-BHMT2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-BHMT2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-BHMT2 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — BHMT2

Entrez GeneID [23743](#)

Gene Name BHMT2

Gene Alias FLJ20001

Gene Description betaine-homocysteine methyltransferase 2

Omim ID [605932](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Homocysteine is a sulfur-containing amino acid that plays a crucial role in methylation reactions. The transfer of the methyl group from betaine to homocysteine creates methionine, which donates the methyl group to methylate DNA, proteins, lipids, and other intracellular metabolites. The protein encoded by this gene is one of two methyl transferases that can catalyze the transfer of the methyl group from betaine to homocysteine. Anomalies in homocysteine metabolism have been implicated in disorders ranging from vascular disease to neural tube birth defects such as spina bifida. [provided by RefSeq]

Other Designations -

Disease

- [Aortic Aneurysm](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hyperhomocysteinemia](#)
- [Mouth Abnormalities](#)
- [Spinal Dysraphism](#)
- [Stroke](#)