ARG64302
anti-BHMT antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes BHMT
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BHMT
Species	Human
Immunogen	C-EQQLKELFEKQK
Conjugation	Un-conjugated
Alternate Names	HEL-S-61p; Betaine--homocysteine S-methyltransferase 1; EC 2.1.1.5; BHMT1

Application Instructions

Application table

Application	Dilution
IHC-P	5 µg/ml
WB	0.03 - 0.1 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

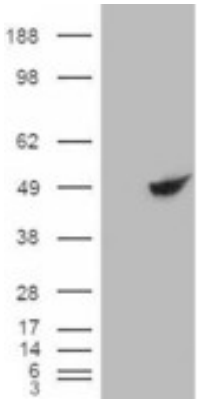
Bioinformation

Background	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, Jul 2008]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	45 kDa

Images

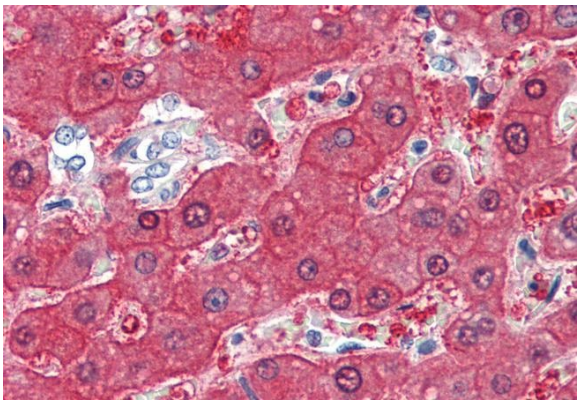
ARG64302 anti-BHMT antibody WB image

Western Blot: Rat Liver lysate (35 µg protein in RIPA buffer) stained with ARG64302 anti-BHMT antibody at 0.03 µg/ml dilution.



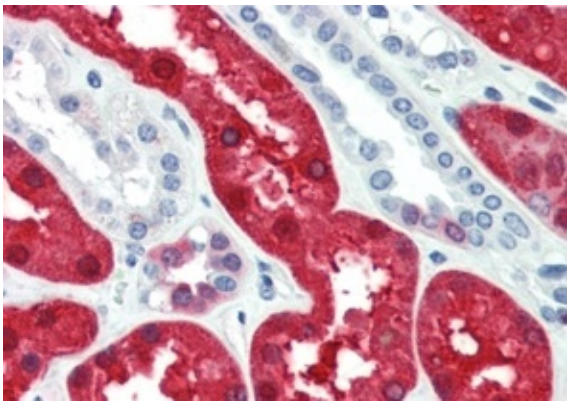
ARG64302 anti-BHMT antibody WB image

Western Blot: 1). Mock transfection; 2) BHMT RC203148) expressing plasmid transfected HEK293 cell lysate standed with ARG64302 anti-BHMT antibody



ARG64302 anti-BHMT antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64302 anti-BHMT antibody at 5 µg/ml dilution followed by AP-staining.



ARG64302 anti-BHMT antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64302 anti-BHMT antibody at 5 µg/ml dilution followed by AP-staining.