

## Anti-BHMT antibody (177-406) (STJ22796)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

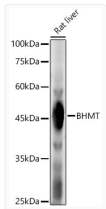
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 45kDa Observed Mw: 45kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

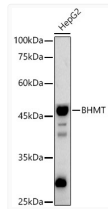
Gene ID	<a href="#">635</a>
Gene Symbol	<a href="#">BHMT</a>
UniProt ID	<a href="#">BHMT1_HUMAN</a>
Immunogen Region	177-406
Immunogen Sequence	SGKPVAAATMCIGPEGDLHGV PPGECAVRLVKAGASIIGVN CHFDP TISLKT VKLMKEGLE AARLKAHLMSQPLAYHTPDC NKQGFIDLPEFPFGL EPRVA TRWDIQKYAREAYNLGVRYI GGCCGFEPYHIRAIEELAP ERGFLPPASEKHGSGWGSGLD MHTKPWVRARARKEYWENLR IASGRPNPSMSKPDGWSVT KGTAELMQQKEATTEQQLKE LFEKQKFKSQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 177-406 of human BHMT (NP_001704.2).

### ADDITIONAL INFORMATION

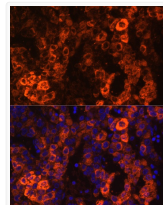
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of Rat liver, using BHMT rabbit polyclonal antibody (STJ22796) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of HepG2 cells, using BHMT rabbit polyclonal antibody (STJ22796) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunofluorescence analysis of human liver cancer cells using BHMT antibody (STJ22796) at dilution of 1:100. Blue: DAPI for nuclear staining.