

Product datasheet for **TA308186**

BHMT Rabbit Polyclonal Antibody

Product data:

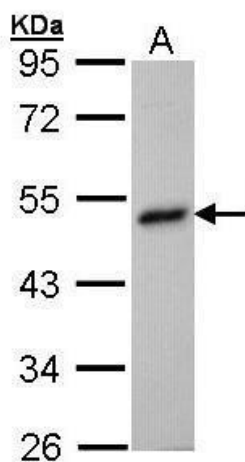
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Pig, Rat, Xenopus, Bovine, X. tropicalis)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 199 and 406 of BHMT (Uniprot ID#Q93088)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45 kDa
Gene Name:	betaine--homocysteine S-methyltransferase
Database Link:	NP_001704 Entrez Gene 12116 Mouse Entrez Gene 81508 Rat Entrez Gene 635 Human Q93088
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]
Synonyms:	BHMT1; HEL-S-61p
Note:	Seq homology of immunogen across species: Mouse (95%), Pig (97%), Rat (96%), Xenopus laevis (86%), Bovine (96%), Xenopus tropicalis (87%)



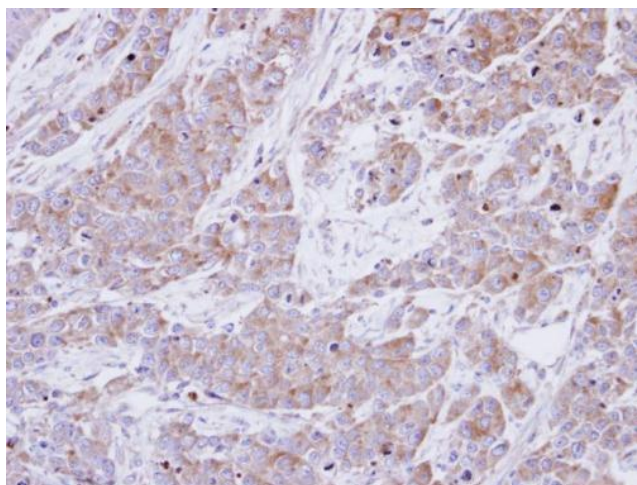
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Protein Pathways: Cysteine and methionine metabolism, Glycine, serine and threonine metabolism, Metabolic pathways

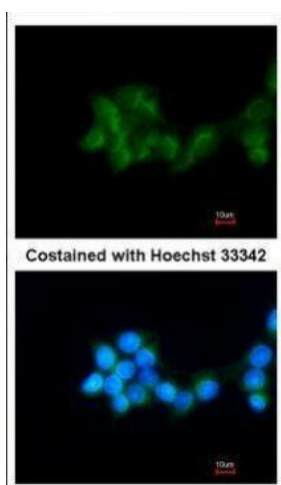
Product images:



Sample (30 ug of whole cell lysate). A: Hep G2. 10% SDS PAGE. TA308186 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded SG xenograft, using BHMT (TA308186) antibody at 1:100 dilution.



Immunofluorescence analysis of methanol-fixed HepG2, using BHMT (TA308186) antibody at 1:200 dilution.