

SHMT2 rabbit monoclonal antibody

Catalog # H00006472-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SHMT2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SHMT2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SHMT2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SHMT2

Entrez GeneID	6472
GeneBank Accession#	SHMT2
Gene Name	SHMT2
Gene Alias	GLYA, SHMT
Gene Description	serine hydroxymethyltransferase 2 (mitochondrial)
Omim ID	138450
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Cyanoamino acid metabolism](#)
- [Glycine](#)
- [Metabolic pathways](#)
- [Methane metabolism](#)
- [One carbon pool by folate](#)

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Neural Tube Defects](#)