

SHMT2 antibody

Cat. No. GTX125939

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human

References (5)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 56 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human SHMT2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



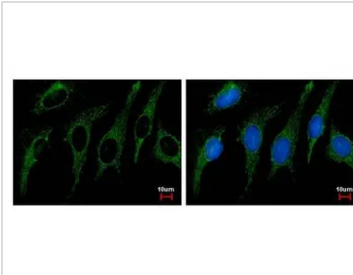
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



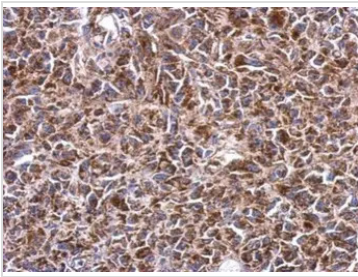
GTx125939 ICC/IF Image

SHMT2 antibody detects SHMT2 protein at Mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 1 sec.

Green: SHMT2 protein stained by SHMT2 antibody (GTx125939) diluted at 1:500.

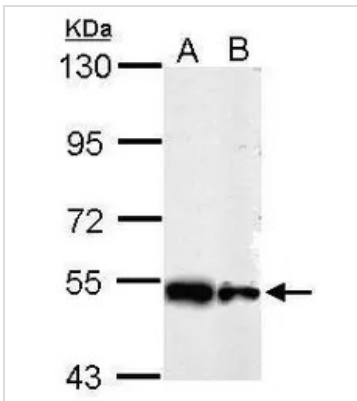
Blue: Hoechst 33342 staining.



GTx125939 IHC-P Image

Immunohistochemical analysis of paraffin-embedded HeLa xenograft, using SHMT2(GTx125939) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTx125939 WB Image

Sample (whole cell lysate)

A: 293T 10ug

B: HeLa 10ug

7.5% SDS PAGE

GTx125939 diluted at 1:10000



For full product information, images and publications, please visit our [website](https://www.genetex.com).