

SHMT1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_004160.3
Catalog No. A304-259A	Uniprot ID	P34896
Lot No. 2	GeneID	6470

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to SHMT1 immobilized on solid support. The epitope recognized by A304-259A maps to a region between residue 453 to 483 of human Serine Hydroxymethyltransferase 1 using the numbering given in entry NP_004160.3 (GeneID 6470).

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:1000 – 1:5000 Immunoprecipitation 6 µg/mg lysate Immunohistochemistry 1:500 to 1:2000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
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IHC HUMAN CONTROLS Breast Carcinoma

IHC MOUSE CONTROLS Hybridoma Tumor, Teratoma

ADDITIONAL INFO <https://www.fortislife.com/p/A304-259A>
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 30, 2025