

Datasheet for ABIN7443701
anti-SHMT2 antibody (AA 30-504)



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8 Images

Overview

Quantity:	100 µL
Target:	SHMT2
Binding Specificity:	AA 30-504
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHMT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Serine Hydroxymethyltransferase 2, Mitochondrial (SHMT2)
Immunogen:	Recombinant Serine Hydroxymethyltransferase 2, Mitochondrial (SHMT2) corresponding to Asn30~His504 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SHMT2. It has been selected for its ability to recognize SHMT2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

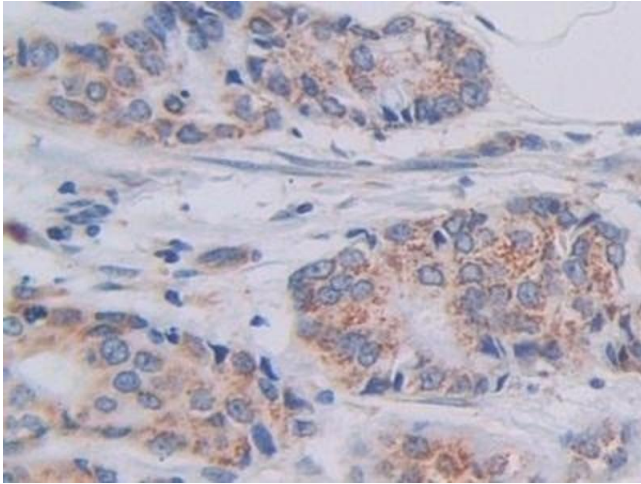
Target:	SHMT2
Alternative Name:	Serine Hydroxymethyltransferase 2, Mitochondrial (SHMT2 Products)
Background:	Serine methylase, Glycine hydroxymethyltransferase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

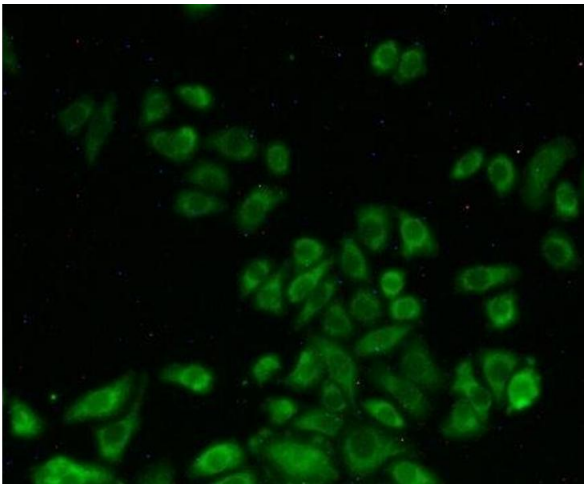
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



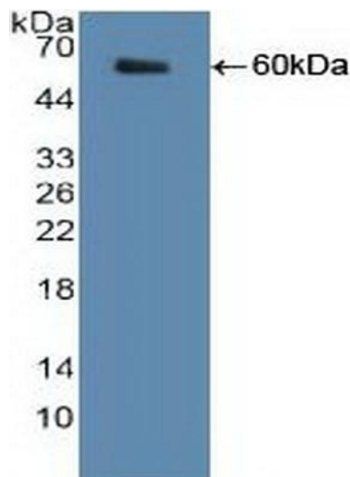
Immunohistochemistry

Image 1. Detection of SHMT2 in Human Breast cancer Tissue using Polyclonal Antibody to Serine Hydroxymethyltransferase 2, Mitochondrial (SHMT2)



Immunofluorescence

Image 2. Detection of SHMT2 in HeLa cells using Polyclonal Antibody to Serine Hydroxymethyltransferase 2, Mitochondrial (SHMT2)



Western Blotting

Image 3. Detection of Recombinant SHMT2, Human using Polyclonal Antibody to Serine Hydroxymethyltransferase 2, Mitochondrial (SHMT2)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7443701.