



[Go to Product page](#)

Datasheet for ABIN7450729
anti-SHMT2 antibody (AA 454-504)

Overview

Quantity:	100 µg
Target:	SHMT2
Binding Specificity:	AA 454-504
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHMT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-SHMT2 Antibody, Affinity Purified
Immunogen:	Between AA 454 and 504
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	SHMT2
Alternative Name:	SHMT2 (SHMT2 Products)
Background:	Background: Serine hydroxymethyltransferase (SHMT2) is the mitochondrial form of a pyridoxal phosphate-dependent enzyme that catalyzes the reversible reaction of serine and

Target Details

tetrahydrofolate to glycine and 5,10-methylene tetrahydrofolate. SHMT2 is primarily responsible for glycine synthesis. SHMT2 activity has been suggested to be the primary source of intracellular glycine [taken from NCBI Entrez Gene (Gene ID: 6472)].

Gene ID: 6472

UniProt: [P34897](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months