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Datasheet for ABIN7305948

anti-SHMT2 antibody

3 Images

Overview

Quantity:	100 µL
Target:	SHMT2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHMT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human SHMT2
Specificity:	Recognizes endogenous levels of SHMT2 protein.
Characteristics:	Rabbit polyclonal antibody to SHMT2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	SHMT2
Alternative Name:	SHMT2 (SHMT2 Products)
Background:	Serine hydroxymethyltransferase, mitochondrial, SHMT, Glycine hydroxymethyltransferase, Serine methylase

Target Details

Gene ID: 6472

UniProt: [P34897](#)

Application Details

Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

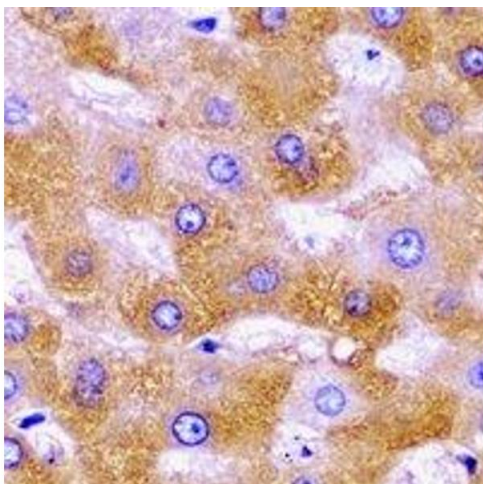
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

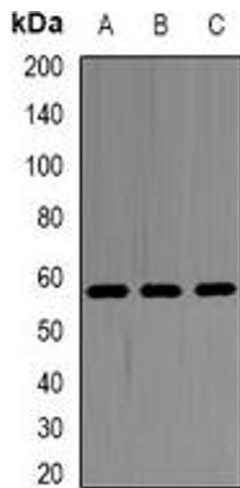
Expiry Date: 12 months

Images



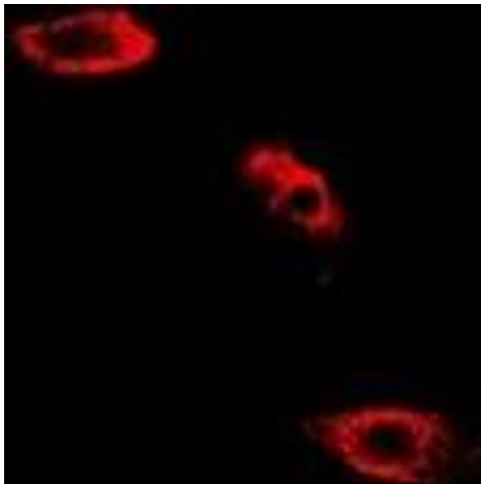
Immunohistochemistry

Image 1. Immunohistochemical analysis of SHMT2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with



Western Blotting

Image 2. Western blot analysis of SHMT2 expression in HeLa (A), 22RV1 (B), mouse liver (C) whole cell lysates.



Immunofluorescence

Image 3. Immunofluorescent analysis of SHMT2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody