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Datasheet for ABIN562869

## anti-SHMT1 antibody (AA 374-482)

### 2 Images

#### Overview

Quantity:	50 µL
Target:	SHMT1
Binding Specificity:	AA 374-482
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This SHMT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant SHMT1.
Immunogen:	SHMT1 (NP_004160, 374 a.a. ~ 482 a.a) partial recombinant protein with GST tag.
Sequence:	EKVLEACSLA CNKNTCPGDR SALRPSGLRL GTPALTSRGL LEKDFQKVAH FIHRGIELTL QIQSDTGVRA TLKEFKERLA GDKYQAAVQA LREEVESFAS LFPLPGLPD
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

#### Target Details

Target:	SHMT1
Alternative Name:	SHMT1 ( <a href="#">SHMT1 Products</a> )

## Target Details

Background:	Full Gene Name: serine hydroxymethyltransferase 1 (soluble) Synonyms: CSHMT,MGC15229,MGC24556,SHMT
Gene ID:	6470
NCBI Accession:	<a href="#">NM_004169</a>

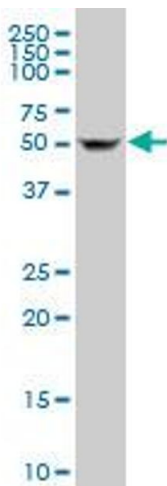
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

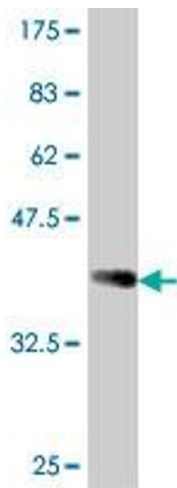
Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### Western Blotting

**Image 1.** SHMT1 polyclonal antibody (A01), Lot # 051213JC01 Western Blot analysis of SHMT1 expression in HepG2 .



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (38.1 kDa).