

Datasheet for ABIN7308234

anti-PRMT5 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PRMT5
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to PRMT5
Immunogen:	KLH-conjugated synthetic peptide of human PRMT5
Specificity:	Recognizes endogenous levels of PRMT5 protein.
Characteristics:	Rabbit polyclonal antibody to PRMT5
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PRMT5
Alternative Name:	PRMT5 (PRMT5 Products)
Background:	HRMT1L5, IBP72, JBP1, SKB1, Protein arginine N-methyltransferase 5, 72 kDa ICln-binding

Target Details

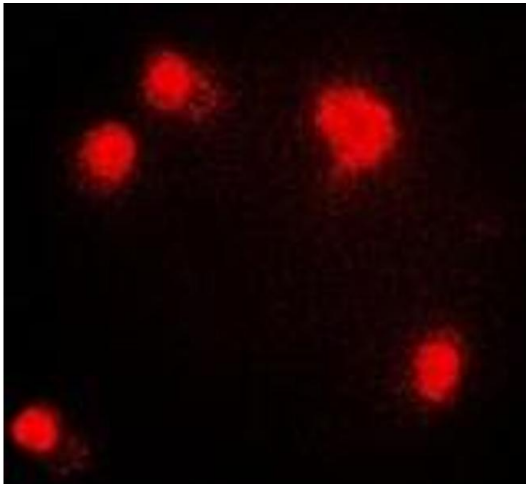
	protein, Histone-arginine N-methyltransferase PRMT5, Jak-binding protein 1, Shk1 kinase-binding protein 1 homolog, SKB1 homolog, SKB1Hs
Gene ID:	10419, 27374
UniProt:	O14744 , Q8CIG8
Pathways:	Chromatin Binding , Regulation of Muscle Cell Differentiation , Ribonucleoprotein Complex Subunit Organization , Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200), IP (1:50 - 1:200), ChIP (1:20 - 1:100)
Restrictions:	For Research Use only

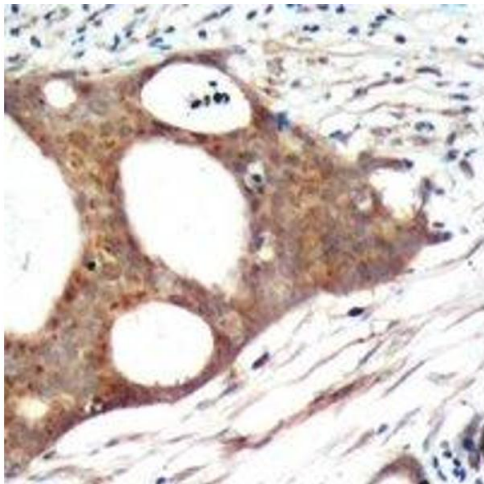
Handling

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



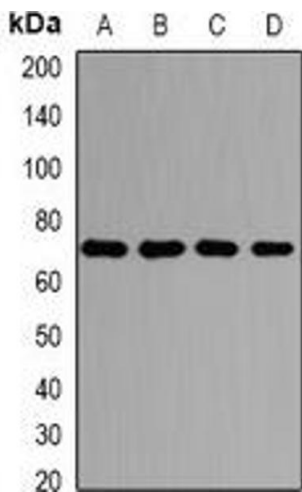
Immunofluorescence

Image 1. Immunofluorescent analysis of PRMT5 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



Immunohistochemistry

Image 2.



Western Blotting

Image 3. Western blot analysis of PRMT5 expression in HepG2 (A), Hela (B), NIH3T3 (C), PC12 (D) whole cell lysates.