

Datasheet for ABIN571028

anti-PRMT5 antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	PRMT5
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PRMT5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PRMT5
Immunogen:	RACREKDRDPEAQ
Sequence:	RACREKDRDP EAQ
Isotype:	IgG
Specificity:	This antibody is expected to recognize both isoforms (NP_006100.2, NP_001034708.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PRMT5
Alternative Name:	PRMT5 (PRMT5 Products)
Background:	PRMT5, protein arginine methyltransferase 5, HRMT1L5, IBP72, JBP1, SKB1, SKB1Hs, HMT1 hnRNP methyltransferase-like 5, SKB1 homolog
Gene ID:	10419, 27374, 364382
NCBI Accession:	NP_006100 , NP_001034708
Pathways:	Chromatin Binding , Regulation of Muscle Cell Differentiation , Ribonucleoprotein Complex Subunit Organization , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western Blot: Approx 70 kDa band observed in Jurkat lysates (calculated MW of 72.7 kDa and 71.3 kDa according to NP_006100.2, NP_001034708.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571028 staining (2µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.