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Datasheet for ABIN7465962 anti-MYSM1 antibody (C-Term)

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Overview

Background:

Overview	
Quantity:	100 μL
Target:	MYSM1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYSM1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human
	MYSM1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	MYSM1
Alternative Name:	Myb like, SWIRM and MPN domains 1 (MYSM1 Products)

Myb like, SWIRM and MPN domains 1, 2A-DUB, 2ADUB, BMFS4, Metalloprotease that

specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic	
transcriptional repression, thereby acting as a coactivator. Preferentially deubiquitinates	
monoubiquitinated H2A in hyperacetylated nucleosomes. Deubiquitination of histone H2A lea	ads
to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. Acts a	s a
coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-	
induced gene activation.	

Gene ID: 114803 UniProt: Q5VVJ2	Molecular Weight:	95 kDa
UniProt: Q5VVJ2	Gene ID:	114803
	UniProt:	Q5VVJ2

Pathways: Chromatin Binding

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
	Not tested in other applications.
Comment:	Positive Control: HeLa , HepG2
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.