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# Datasheet for ABIN7155352 anti-MYSM1 antibody (AA 170-311)

I Image



#### Overview

Quantity:	100 µg
Target:	MYSM1
Binding Specificity:	AA 170-311
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYSM1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

### Product Details

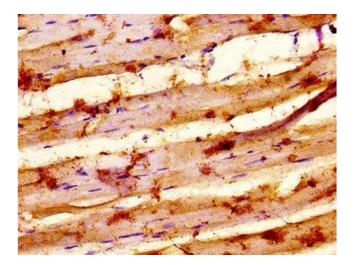
Immunogen:	Recombinant Human Histone H2A deubiquitinase MYSM1 protein (170-311AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	MYSM1
Alternative Name:	MYSM1 (MYSM1 Products)
Background:	Background: Metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A,
	a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator.

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	Preferentially deubiquitinates monoubiquitinated H2A in hyperacetylated nucleosomes.
	Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of
	histone H1 from the nucleosome. Acts as a coactivator by participating in the initiation and
	elongation steps of androgen receptor (AR)-induced gene activation.
	Aliases: 2A-DUB antibody, 2ADUB antibody, Histone H2A deubiquitinase antibody, Histone H2A
	deubiquitinase MYSM1 antibody, KIAA1915 antibody, Myb like SWIRM and MPN domains 1
	antibody, Myb like, SWIRM and MPN domain containing protein antibody, Myb like, SWIRM and
	MPN domains 1 antibody, Myb-like antibody, Myb-like, SWIRM and MPN domains 1 antibody,
	MYSM 1 antibody, mysm1 antibody, MYSM1 Myb-like, SWIRM and MPN domains 1 antibody,
	MYSM1_HUMAN antibody, RP4-592A1.1 antibody, SWIRM and MPN domain-containing protein
	1 antibody
UniProt:	Q5VVJ2
Pathways:	Chromatin Binding
Application Details	
Application Notes:	Recommended dilution: IHC:1:500-1:1000,
Restrictions:	For Research Use only
Llondling	
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
	20 0,00 0



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7155352 diluted at 1:500 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.