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Datasheet for ABIN7155355
anti-MYSM1 antibody (AA 170-311) (HRP)

Overview

Quantity:	100 µg
Target:	MYSM1
Binding Specificity:	AA 170-311
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYSM1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Histone H2A deubiquitinase MYSM1 protein (170-311AA)
Isotype:	IgG
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.

Target Details

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: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

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

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.