

## MYSM1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**95kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human MYSM1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

f

**Synonym:**

2ADUB; 2A-DUB; RP4-592A1.1;

**Catalog #:**A3102

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**114803

**Isotype:**IgG

**Swiss Prot:**Q5VVJ2

**Purity:**Affinity purification

For research use only.

**Background:**

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 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.

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