

MYSM1

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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