

ARG59909 anti-MYSM1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MYSM1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MYSM1
Species	Human
Immunogen	Synthetic peptide within aa. 700 to the C-terminus of Human MYSM1 (NP_001078956.1).
Conjugation	Un-conjugated
Alternate Names	Myb-like, SWIRM and MPN domain-containing protein 1; EC 3.4.19.-; Histone H2A deubiquitinase MYSM1; 2ADUB; 2A-DUB

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain and Jurkat	
Observed Size	105 kDa	

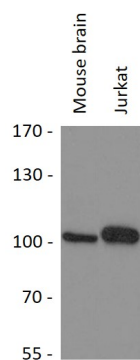
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MYSM1
Gene Full Name	Myb-like, SWIRM and MPN domains 1
Function	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. [UniProt]
Calculated Mw	95 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG59909 anti-MYSM1 antibody WB image

Western blot: 25 µg of Mouse brain and Jurkat cell lysates stained with ARG59909 anti-MYSM1 antibody at 1:3000 dilution.