

Rabbit anti-Human MYSM1 Polyclonal Antibody | anti-MYSM1 antibody

MYSM1 Polyclonal Antibody

CATALOG # AAA295313	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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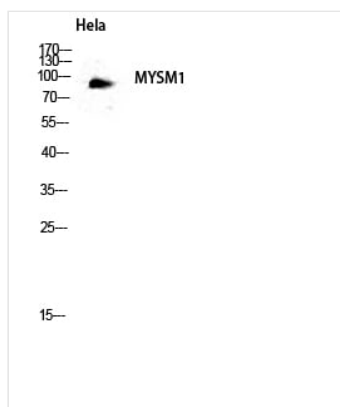
PRODUCT SYNONYMS

MYSM1; Polyclonal Antibody; MYSM1 Polyclonal Antibody; KIAA1915; Histone H2A deubiquitinase MYSM1; 2A-DUB; Myb-like; SWIRM and MPN domain-containing protein 1; anti-MYSM1 antibody

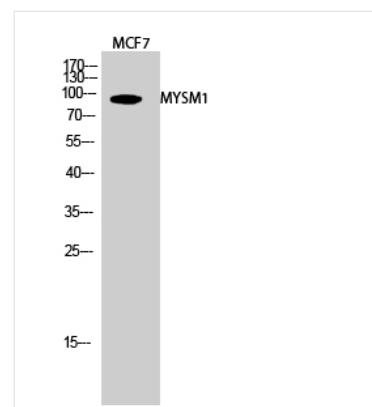
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Applicable Applications for anti-MYSM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Nucleus. Cytoplasm. Note=Localizes to the cytoplasm in response to bacterial infection
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

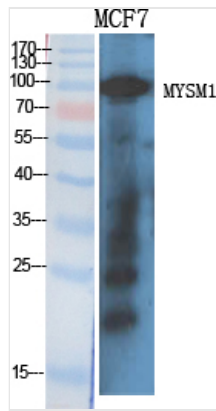
IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-MYSM1 antibody	Metalloprotease with deubiquitinase activity that plays important regulator roles in hematopoietic stem cell function, blood cell production and immune response (PubMed:24062447, PubMed:26220525, PubMed:28115216). Participates in the normal programming of B-cell responses to antigen after the maturation process (By similarity). Within the cytoplasm, plays critical roles in the repression of innate immunity and autoimmunity (PubMed:33086059). Removes 'Lys-63'-linked polyubiquitins from TRAF3 and TRAF6 complexes (By similarity). Attenuates NOD2-mediated inflammation and tissue injury by promoting 'Lys-63'-linked deubiquitination of RIPK2 component (By similarity). Suppresses the CGAS-STING1 signaling pathway by cleaving STING1 'Lys- 63'-linked ubiquitin chains (PubMed:33086059). In the nucleus, acts as a hematopoietic transcription regulator derepressing a range of genes essential for normal stem cell differentiation including EBF1 and PAX5 in B-cells, ID2 in NK-cell progenitor or FLT3 in dendritic cell precursors (PubMed:24062447). Deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, leading to dissociation of histone H1 from the nucleosome (PubMed:17707232).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148227842
NCBI GeneID	114803
NCBI Accession #	NP_001078956.1
NCBI GenBank Nucleotide #	NM_001085487.2
UniProt Accession #	Q5VVJ2; Q68DD3; Q6AI53; Q7Z3G8; Q96PX3; A8KA54; B3KX65
Molecular Weight	95,032 Da
NCBI Official Full Name	histone H2A deubiquitinase MYSM1
NCBI Official Synonym Full Names	Myb-like, SWIRM and MPN domains 1
NCBI Official Symbol	MYSM1
NCBI Official Synonym Symbols	2ADUB; 2A-DUB; RP4-592A1.1
NCBI Protein Information	histone H2A deubiquitinase MYSM1; myb-like, SWIRM and MPN domain-containing protein 1
UniProt Protein Name	Histone H2A deubiquitinase MYSM1
UniProt Gene Name	MYSM1
UniProt Synonym Gene Names	KIAA1915; 2A-DUB
UniProt Entry Name	MYSM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mysm1-antibody-immunohistochemistry-western-blot-elisa/295313>