

MSL2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17353a

Specification

MSL2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9HCl7
Other Accession	Q69ZF8 , NP_001138889.1 , NP_060603.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	62541
Antigen Region	4-32

MSL2 Antibody (N-term) - Additional Information

Gene ID 55167

Other Names

E3 ubiquitin-protein ligase MSL2, 632-, Male-specific lethal 2-like 1, MSL2-like 1, Male-specific lethal-2 homolog, MSL-2, Male-specific lethal-2 homolog 1, RING finger protein 184, MSL2, KIAA1585, MSL2L1, RNF184

Target/Specificity

This MSL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-32 amino acids from the N-terminal region of human MSL2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MSL2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MSL2 Antibody (N-term) - Protein Information

Name MSL2

Synonyms KIAA1585, MSL2L1, RNF184

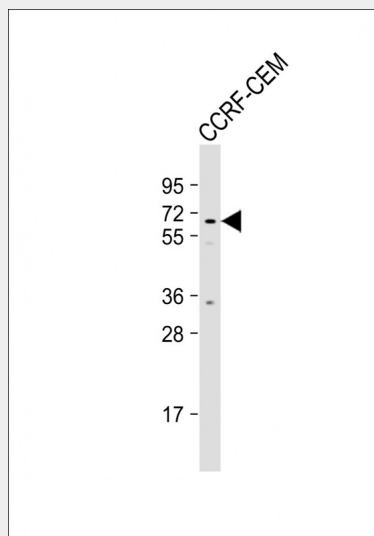
Function Component of histone acetyltransferase complex responsible for the majority of histone H4 acetylation at lysine 16 which is implicated in the formation of higher-order chromatin structure. Acts as an E3 ubiquitin ligase that promotes monoubiquitination of histone H2B at 'Lys-35' (H2BK34Ub), but not that of H2A. This activity is greatly enhanced by heterodimerization with MSL1. H2B ubiquitination in turn stimulates histone H3 methylation at 'Lys-4' (H3K4me) and 'Lys-79' (H3K79me) and leads to gene activation, including that of HOXA9 and MEIS1.

MSL2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MSL2 Antibody (N-term) - Images



Anti-MSL2 Antibody (N-term) at 1:1000 dilution + CCRF-CEM whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 63kDa Blocking/Dilution buffer: 5% NFDm/TBST.

MSL2 Antibody (N-term) - Background

Component of histone acetyltransferase complex responsible for the majority of histone H4 acetylation at lysine 16 which is implicated in the formation of higher-order chromatin structure.

MSL2 Antibody (N-term) - References

Dehghan, A., et al. Circ Cardiovasc Genet 2(2):125-133(2009)
Mendjan, S., et al. Mol. Cell 21(6):811-823(2006)

Smith, E.R., et al. Mol. Cell. Biol. 25(21):9175-9188(2005)

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Lyman, L.M., et al. Genetics 147(4):1743-1753(1997)