

MSL2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17353a**Specification**

MSL2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9HCL7](#)**MSL2 Antibody (N-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MSL2 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MSL2 Antibody (N-term) Blocking Peptide - Images**MSL2 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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) Marin, I. J. Mol. Evol. 56(5):527-539(2003) Lyman, L.M., et al. Genetics 147(4):1743-1753(1997)