

WHSC1L1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1904a**Specification**

WHSC1L1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9BZ95](#)**WHSC1L1 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 54904

Other Names

Histone-lysine N-methyltransferase NSD3, Nuclear SET domain-containing protein 3, Protein whistle, WHSC1-like 1 isoform 9 with methyltransferase activity to lysine, Wolf-Hirschhorn syndrome candidate 1-like protein 1, WHSC1-like protein 1, WHSC1L1, NSD3

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1904a](/product/products/AP1904a) was selected from the C-term region of human WHSC1L1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

WHSC1L1 Antibody (C-term) Blocking Peptide - Protein InformationName NSD3 ([HGNC:12767](#))

Synonyms WHSC1L1

Function

Histone methyltransferase. Preferentially dimethylates 'Lys- 4' and 'Lys-27' of histone H3 forming H3K4me2 and H3K27me2. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation, while 'Lys-27' is a mark for transcriptional repression.

Cellular Location

Nucleus. Chromosome.

Tissue Location

Highly expressed in brain, heart and skeletal muscle. Expressed at lower level in liver and lung

WHSC1L1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

WHSC1L1 Antibody (C-term) Blocking Peptide - Images

WHSC1L1 Antibody (C-term) Blocking Peptide - Background

The gene for WHSC1L1 is related to the Wolf-Hirschhorn syndrome candidate-1 gene and encodes a protein with PWWP (proline-tryptophan-tryptophan-proline) domains. The function of the protein has not been determined.

WHSC1L1 Antibody (C-term) Blocking Peptide - References

Angrand, P.O., et al., Genomics 74(1):79-88 (2001).Stec, I., et al., FEBS Lett. 473(1):1-5 (2000).Stec, I., et al., Genomics 76 (1-3), 5-8 (2001) (): ().