

**WHSC1L1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12757a****Specification**

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**WHSC1L1 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q9BZ95](#)**WHSC1L1 Antibody (N-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

**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 (N-term) Blocking peptide - Protein Information****Name** NSD3 ([HGNC:12767](#))**Synonyms** WHSC1L1**Function**

Histone methyltransferase. Preferentially dimethylates 'Lys- 4' and 'Lys-27' of histone H3 forming H3K2me2 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 (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **WHSC1L1 Antibody (N-term) Blocking peptide - Images**

#### **WHSC1L1 Antibody (N-term) Blocking peptide - Background**

This gene 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. Two alternatively spliced variants have been described.

#### **WHSC1L1 Antibody (N-term) Blocking peptide - References**

Zhou, Z., et al. Biochem. Biophys. Res. Commun. 398(3):565-570(2010) Kim, S.M., et al. Biochem. Biophys. Res. Commun. 345(1):318-323(2006) Tonon, G., et al. Proc. Natl. Acad. Sci. U.S.A. 102(27):9625-9630(2005) Rosati, R., et al. Blood 99(10):3857-3860(2002) Stec, I., et al. Genomics 76 (1-3), 5-8 (2001) :