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

Specification

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 syndromecandidate-1 gene and encodes a protein with PWWP(proline-tryptophan-tryptophan-proline) domains. The function ofthe protein has not been determined. Two alternatively splicedvariants 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) :