

NSD3 Antibody
Rabbit mAb
Catalog # AP90698**Specification**

NSD3 Antibody - Product Information

Application	WB, FC
Primary Accession	Q9BZ95
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Wolf Hirschhorn syndrome candidate 1 like 1; WHSC1L1; NSD3; pp14328; Histone-lysine N-methyltransferase NSD3; Protein whistle;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	161613 Da

NSD3 Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human NSD3
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

NSD3 Antibody - Protein Information**Name** 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.

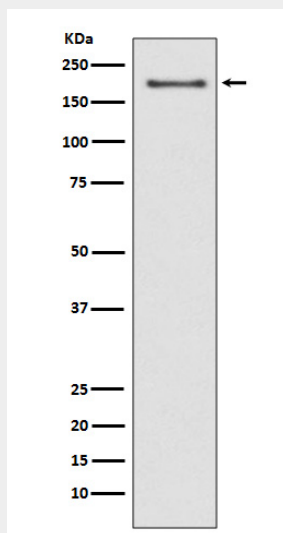
Tissue Location

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

NSD3 Antibody - 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](#)

NSD3 Antibody - Images

Western blot analysis of NSD3 expression in MCF-7 cell lysate.