

Anti-NSD3/WHSC1L1 Rabbit Monoclonal Antibody

Catalog # ABO13415

Product Information

Application	WB, FC
Primary Accession	Q9BZ95
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-NSD3/WHSC1L1 Rabbit Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

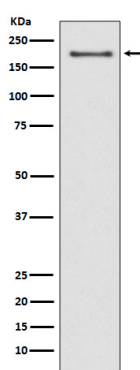
Additional Information

Gene ID	54904
Other Names	Histone-lysine N-methyltransferase NSD3, 2.1.1.370, 2.1.1.371, 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, NSD3 (HGNC:12767), WHSC1L1
Calculated MW	161613
Application Details	WB 1:1000-1:5000 FC 1:30
Subcellular Localization	Nucleus. Chromosome.
Tissue Specificity	Highly expressed in brain, heart and skeletal muscle. Expressed at lower level in liver and lung..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: FFH-23
Immunogen	A synthesized peptide derived from human NSD3
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.