



NSD3 rabbit pAb

Catalog No	BYab-24980
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	WHSC1L1 NSD3 DC28
Protein Name	NSD3
Immunogen	Synthesized peptide derived from human NSD3 AA range: 1373-1423
Specificity	This antibody detects endogenous levels of NSD3 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus . Chromosome .
Tissue Specificity	Highly expressed in brain, heart and skeletal muscle. Expressed at lower level in liver and lung.
Function	catalytic activity:S-adenosyl-L-methionine + histone L-lysine = S-adenosyl-L-homocysteine + histone N(6)-methyl-L-lysine.,disease:A chromosomal aberration involving WHSC1L1 is found in childhood acute myeloid leukemia. Translocation t(8;11)(p11.2;p15) with NUP98.,disease:Defects in WHSC1L1 may be involved in non small cell lung carcinomas (NSCLC). Amplified or overexpressed in NSCLC.,function:Histone methyltransferase. Preferentially methylates 'Lys-4' and 'Lys-27' of histone H3. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation, while 'Lys-27' is a mark for transcriptional repression.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the histone-lysine methyltransferase family. SET2 subfamily.,similarity:Contains 1 AWS domain.,similarity:Contains 1 post-SET domain.,similarity:Contains 1 SET domain.,similarity:

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Background	This gene is related to the Wolf-Hirschhorn syndrome candidate-1 gene and encodes a protein with PWWP (proline-tryptophan-tryptophan-proline) domains. This protein methylates histone H3 at lysine residues 4 and 27, which represses gene transcription. Two alternatively spliced variants have been described. [provided by RefSeq, May 2015],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

