

Rabbit NSD3 Monoclonal Antibody | anti-NSD3 antibody

NSD3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312295	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Western Blot

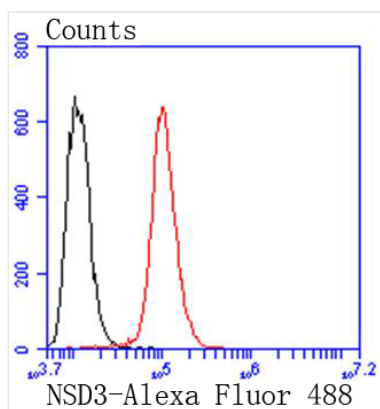
PRODUCT SYNONYMS

NSD3; Monoclonal Antibody; NSD3 Antibody; DKFZp667H044 antibody; FLJ20353 antibody; Histone lysine N methyltransferase NSD3 antibody; Histone-lysine N-methyltransferase NSD3 antibody; MGC126766 antibody; MGC142029 antibody; NSD 3 antibody; NSD3_HUMAN antibody; Nuclear set domain containing 3 antibody; Nuclear SET domain containing protein 3 antibody; Nuclear SET domain-containing protein 3 antibody; pp14328 antibody; Protein whistle antibody; Whistle antibody; WHSC1 like protein 1 antibody; WHSC1-like 1 isoform 9 with methyltransferase activity to lysine antibody; WHSC1-like protein 1 antibody; WHSC1L1 antibody; WHSC1L1 protein antibody; Wolf Hirschhorn syndrome candidate 1 like 1 antibody; Wolf-Hirschhorn syndrome candidate 1-like protein 1 antibody; anti-NSD3 antibody

PRODUCT SPECIFICATIONS

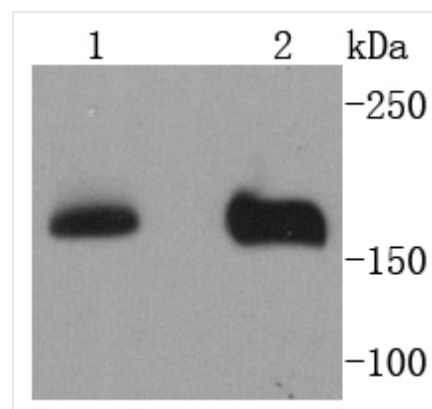
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN07-11
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NSD3 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells with NSD3 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



WB (Western Blot)

Western blot analysis of NSD3 on different lysates using anti-NSD3 antibody at 1/1, 000 dilution. Positive control: Lane 1: MCF-7 Lane 2: 293T

ADDITIONAL INFORMATION

Related Product Information for anti-NSD3 antibody	The deduced 1, 437 amino acid NSD3 protein contains two PWWP domains involved in protein-protein interactions, five PHD-type zinc finger motifs found in chromatin-associated proteins, a SAC (SET-associated cys-rich) domain, a SET domain and a C-terminal C5HCH domain. Two NSD3 variants have been identified. The short variant comprised of 645 amino acids, arises from alternative polyadenylation and exon splicing and contains a single PWWP domain. A longer NSD3 variant, which is only expressed in HeLa cells, is comprised of 1, 388 amino acid residues. The human WHSC1L1 gene, which encodes the NSD3 protein, shares 68% and 55% identity with mouse Nsd1 and human WHSC1, respectively. Highest expression of NSD3 is observed in brain, heart and skeletal muscle tissues; lower levels of NSD3 expression are observed in the liver and lungs.
Product Categories/Family for anti-NSD3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	74761342
NCBI GeneID	54904
UniProt Accession #	Q9BZ95; Q1RMD3; Q3B796; Q6ZSA5; Q9BYU8; Q9BYU9; Q9H2M8; Q9H9W9; Q9NXA6; B7ZL11; D3DSX1
Molecular Weight	1437
NCBI Official Full Name	Histone-lysine N-methyltransferase NSD3
NCBI Official Synonym Full Names	Wolf-Hirschhorn syndrome candidate 1-like 1
NCBI Official Symbol	WHSC1L1
NCBI Official Synonym Symbols	NSD3; pp14328
NCBI Protein Information	histone-lysine N-methyltransferase NSD3; protein whistle; WHSC1-like protein 1; nuclear SET domain-containing protein 3; WHSC1-like 1 isoform 9 with methyltransferase activity to lysine
UniProt Protein Name	Histone-lysine N-methyltransferase NSD3
UniProt Gene Name	WHSC1L1
UniProt Synonym Gene Names	NSD3; WHSC1-like protein 1
UniProt Entry Name	NSD3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nsd3-antibody-clone-sn07-11-flow-cytometry-western-blot-elisa/312295>