

Rabbit anti-Human NSD2 Polyclonal Antibody | anti-NSD2 antibody

NSD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234613	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

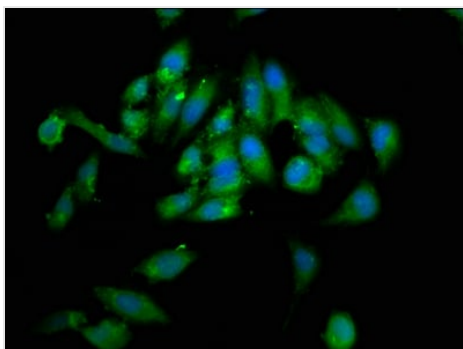
PRODUCT SYNONYMS

NSD2; Polyclonal Antibody; NSD2 Antibody; Histone-lysine N-methyltransferase NSD2; Multiple myeloma SET domain-containing protein; MMSET; Nuclear SET domain-containing protein 2; Protein trithorax-5; Wolf-Hirschhorn syndrome candidate 1 protein; anti-NSD2 antibody

PRODUCT SPECIFICATIONS

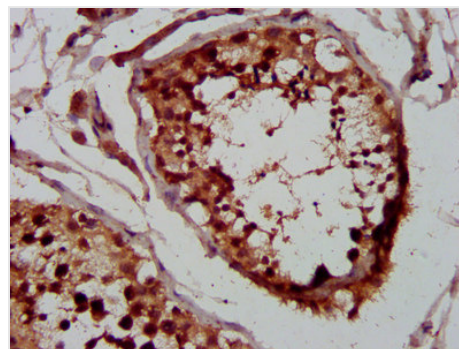
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1365
Applicable Applications for anti-NSD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Histone-lysine N-methyltransferase NSD2 protein (1-44AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234613 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234613 diluted at 1:400 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-NSD2 antibody	Histone methyltransferase with histone H3 'Lys-27' (H3K27me) methyltransferase activity. Isoform 2 may act as a transcription regulator that binds DNA and suppresses IL5 transcription through HDAC recruitment.
Product Categories/Family for anti-NSD2 antibody	Epigenetics and Nuclear Signaling; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	109633019
NCBI GeneID	7468
NCBI Accession #	NP_001035889.1
NCBI GenBank Nucleotide #	NM_001042424.2
UniProt Accession #	O96028; O96031; Q4VBY8; Q672J1; Q6IS00; Q86V01; Q9BZB4; A2A2T2; A2A2T3; A2A2T4; A7MCZ1; D3DVQ2
Molecular Weight	30,199 Da
NCBI Official Full Name	histone-lysine N-methyltransferase NSD2 isoform 1
NCBI Official Synonym Full Names	nuclear receptor binding SET domain protein 2
NCBI Official Symbol	NSD2
NCBI Official Synonym Symbols	WHS; TRX5; KMT3F; KMT3G; MMSET; WHSC1; REIIBP
NCBI Protein Information	histone-lysine N-methyltransferase NSD2
UniProt Protein Name	Histone-lysine N-methyltransferase NSD2
UniProt Gene Name	NSD2
UniProt Synonym Gene Names	MMSET

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nsd2-antibody-immunofluorescence-immunohistochemistry-elisa/234613>