NSD3 polyclonal antibody

Catalog: BS90970 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

162 kDa

Swiss-Prot:

Q9BZ95(Human) Q6P2L6(Mouse) EntrezGene:290831(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

FC:1:50-1:100

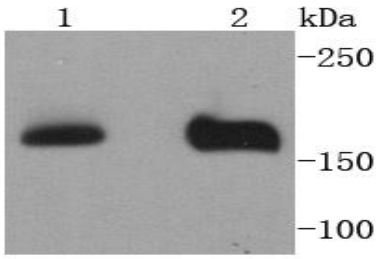
Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

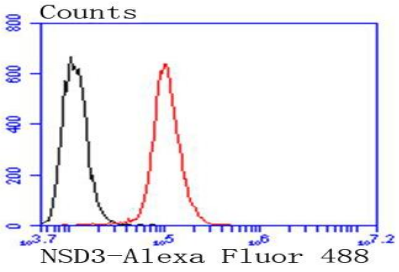
Specificity:

NSD3 polyclonal antibody detects endogenous levels of NSD3 protein.

DATA:



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



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

Note:

For research use only, not for use in diagnostic procedure.

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