BT LAB
Bioassay Technology Laboratory
Optimize Your Research

NSD1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0950
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human NSD1 protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Histone-lysine N-methyltransferase, H3 lysine-36 specific
Synonyms	NSD1; ARA267; KMT3B; Histone-lysine N-methyltransferase; H3 lysine-36 and H4 lysine-20 specific; Androgen receptor coactivator 267 kDa protein; Androgen receptor-associated protein of 267 kDa; H3-K36-HMTase; H4-K20-HMTase; Lysine N-methyltr

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

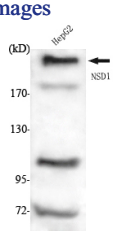
This gene encodes a protein containing a SET domain, 2 LXXLL motifs, 3 nuclear translocation signals (NLSs), 4 plant homeodomain (PHD) finger regions, and a proline-rich region. The encoded protein enhances androgen receptor (AR) transactivation, and this enhancement can be increased further in the presence of other androgen receptor associated coregulators. This protein may act as a nucleus-localized, basic transcriptional factor and also as a bifunctional transcriptional regulator. Mutations of this gene have been associated with Sotos syndrome and Weaver syndrome. One version of childhood acute myeloid leukemia is the result of a cryptic translocation with the breakpoints occurring within nuclear receptor-binding Su-var, enhancer of zeste, and trithorax domain protein 1 on chromosome 5 and nucleoporin, 98-kd on chromosome 11. Two transcript variants encoding distinct isofo

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using NSD1 Monoclonal antibody against HepG2 cell lysate .

Storage

-20°C for one year

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