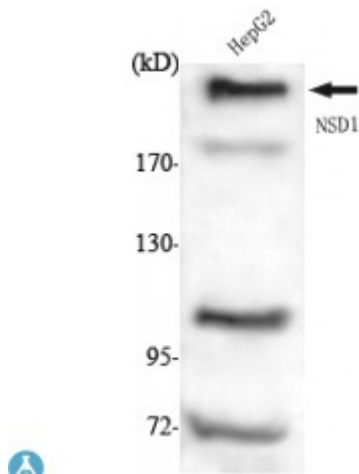


Anti-NSD1 antibody



Description	Mouse monoclonal to NSD1.
Model	STJ98521
Host	Mouse
Reactivity	Human
Applications	WB
Immunogen	Purified recombinant human NSD1 protein fragments expressed in E.coli.
Gene ID	64324
Gene Symbol	NSD1
Dilution range	WB 1:1000-1:2000
Specificity	NSD1 Monoclonal Antibody detects endogenous levels of NSD1 protein.
Tissue Specificity	Expressed in the fetal/adult brain, kidney, skeletal muscle, spleen, and the thymus, and faintly in the lung.
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	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-methyltransferase 3
Clonality	Monoclonal
Conjugation	Unconjugated

Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:14234OMIM:117550
Alternative Names	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-methyltransferase 3
Function	Histone methyltransferase. Preferentially methylates 'Lys-36' of histone H3 and 'Lys-20' of histone H4 (in vitro). Transcriptional intermediary factor capable of both negatively or positively influencing transcription, depending on the cellular context.
Cellular Localization	Nucleus. Chromosome

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