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**Product Name: NSD3 Rabbit Monoclonal Antibody****Catalog #: AMRe83815**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,FC 1:20-1:100
<b>Molecular Weight</b>	Calculated MW: 162 kDa ; Observed MW: 161 kDa

**Antigen Information**

<b>Gene Name</b>	NSD3
<b>Alternative Names</b>	Wolf Hirschhorn syndrome candidate 1 like 1; WHSC1L1; NSD3; pp14328; Histone-lysine N-methyltransferase NSD3; Protein whistle;;NSD3
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q9BZ95
<b>Immunogen</b>	A synthesized peptide derived from human NSD3

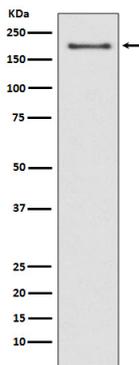
**Background**

Histone methyltransferase. Preferentially dimethylates 'Lys-4' and 'Lys-27' of histone H3 forming H3K2me2 and H3K27me2. H3

'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation, while 'Lys-27' is a mark for transcriptional repression.

## Research Area

## Image Data



Western blot analysis of NSD3 expression in MCF-7 cell lysate.