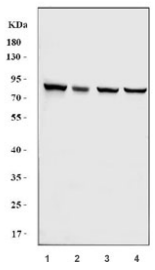
NSD3 Antibody / Nuclear SET domain-containing protein 3 (RQ6722)

Catalog No.	Formulation	Size
RQ6722	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9BZ95
Applications	Western Blot : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This NSD3 antibody is available for research use only.



Western blot testing of 1) human A549, 2) monkey COS-7, 3) human HeLa and 4) human MCF7 cell lysate with NSD3 antibody. Predicted molecular weight: 155-162 kDa (long forms) and ~ 73 kDa (short form).

Description

Histone-lysine N-methyltransferase NSD3 is an enzyme that in humans is encoded by the WHSC1L1 gene. This gene is related to the Wolf-Hirschhorn syndrome candidate-1 gene and encodes a protein with PWWP (proline-tryptophan-tryptophan-proline) domains. This protein methylates histone H3 at lysine residues 4 and 27, which represses gene transcription. Two alternatively spliced variants have been described.

Application Notes

Optimal dilution of the NSD3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q46-K1425) was used as the immunogen for the NSD3 antibody.

Storage

After reconstitution, the NSD3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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