



Rabbit Anti-NSL1 antibody

SL19471R

Product Name:	NSL1
Chinese Name:	着丝粒相关蛋白NSL1抗体
Alias:	4833432M17Rik; AI451597; C1orf48; DC31; DC8; DKFZp566O1646; Gm105; Gm984; Kinetochore associated protein NSL1 homolog; Kinetochore-associated protein NSL1 homolog; MIS14; NSL1; NSL1, MIND kinetochore complex component, homolog (S. cerevisiae); NSL1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Sheep,
Applications:	IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	32kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NSL1:21-120/281
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a protein with two coiled-coil domains that localizes to kinetochores, which are chromosome-associated structures that attach to microtubules and mediate chromosome movements during cell division. The encoded protein is part of a conserved protein complex that includes two chromodomain-containing proteins and a

component of the outer plate of the kinetochore. This protein complex is proposed to bridge centromeric heterochromatin with the outer kinetochore structure. Multiple transcript variants encoding different isoforms have been found for this gene. There is a pseudogene of the 3' UTR region of this gene on chromosome X. [provided by RefSeq, Jul 2014]

Function:

Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis.

Subunit:

Component of the MIS12 complex composed of MIS12, DSN1, NSL1/DC8 and PMF1. Interacts with CASC5.

Subcellular Location:

Nucleus. Chromosome > centromere > kinetochore. Associated with the kinetochore.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

SWISS:

Q96IY1

Gene ID:

25936

Database links:

[Entrez Gene: 25936](#) Human

[SwissProt: Q96IY1](#) Human

[Unigene: 497692](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.