着丝粒相关蛋白 NSL1 抗体

产品货号： mlR19471

英文名称： NSL1

中文名称： 着丝粒相关蛋白 NSL1 抗体

别　　名： 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.

研究领域： 细胞生物　染色质和核信号　转录调节因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Sheep,

产品应用： IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 32kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NSL1:21-120/281

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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

产品介绍： 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

Important Note:

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