

Rabbit anti-Human NSL1 Polyclonal Antibody | anti-NSL1 antibody

Anti-NSL1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255103	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

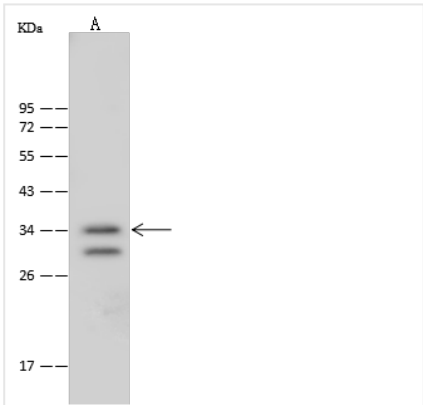
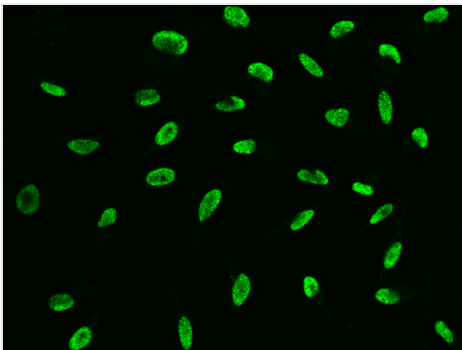
PRODUCT SYNONYMS

NSL1; Polyclonal Antibody; Anti-NSL1 Antibody; Rabbit Polyclonal; NSL1 Antibody; Rabbit PAb; Antigen Affinity Purified; MIS12 kinetochore complex component; Anti-C1orf48 Antibody; Anti-DC8 Antibody; Anti-MIS14 Antibody; anti-NSL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NSL1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NSL1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human NSL1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human NSL1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of NSL1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human NSL1 polyclonal antibody (dilution ratio 1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.

WB (Western Blot)
Anti-NSL1 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 32 kDa Observed band size: 34 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NSL1 antibody	NSL1 (NSL1 Component Of MIS12 Kinetochore Complex) is a Protein Coding gene. The NSL1 gene, located on 1q32.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. This gene encodes a protein with two coiled-coil domains that localize 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. 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. Diseases associated with NSL1 include Arthrogryposis, Distal, Type 7, and Extraocular Retinoblastoma. Among its related pathways are Signaling by GPCR and Mitotic Prometaphase.
References	Petrovic A, et al. (2010) The mis12 complex is a protein interaction hub for outer kinetochore assembly. J Cell Biol 190 (5): 835-852. Liu XS, et al. (2012) Plk1 phosphorylates sgt1 at the kinetochores to promote timely kinetochore-microtubule attachment. Mol Cell Biol 32 (19): 4053-4067. Davies AE, et al. (2010) Hsp90-sgt1 and skp1 target human mis12 complexes to ensure efficient formation of kinetochore-microtubule binding sites. J Cell Biol 189 (2): 261-274.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349761
NCBI GeneID	25936
NCBI Accession #	NP_001036014.1
NCBI GenBank Nucleotide #	NM_001042549.1
UniProt Accession #	Q96IY1; Q5SY75; Q9H2M5; Q9NRN8; Q9Y415; E7ETD5
Molecular Weight	24,108 Da
NCBI Official Full Name	kinetochore-associated protein NSL1 homolog isoform 2
NCBI Official Synonym Full Names	NSL1, MIS12 kinetochore complex component
NCBI Official Symbol	NSL1
NCBI Official Synonym Symbols	DC8; MIS14; C1orf48
NCBI Protein Information	kinetochore-associated protein NSL1 homolog; NSL1, MIND kinetochore complex component, homolog
UniProt Protein Name	Kinetochore-associated protein NSL1 homolog

UniProt Gene Name	NSL1
UniProt Synonym Gene Names	C1orf48
UniProt Entry Name	NSL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nsl1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/255103>