

Datasheet for ABIN7599125
anti-NSL1 antibody (AA 1-231)



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Overview

Quantity:	100 µg
Target:	NSL1
Binding Specificity:	AA 1-231
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NSL1 Antibody Picoband®
Immunogen:	E.coli-derived human NSL1 recombinant protein (Position: M1-K231). Human NSL1 shares 68.8% amino acid (aa) sequence identity with mouse NSL1.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-NSL1 Antibody Picoband® (ABIN7599125). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NSL1
Alternative Name:	NSL1 (NSL1 Products)
Background:	<p>Synonyms: NSL1, C1orf48, DC31, DC8, MIS14, Kinetochore-associated protein NSL1 homolog</p> <p>Background: Kinetochore-associated protein NSL1 homolog is a protein that in humans is encoded by the NSL1 gene. 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.</p>
Molecular Weight:	32 kDa
Gene ID:	25936

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL</p> <p>1. Obuse, C., Iwasaki, O., Kiyomitsu, T., Goshima, G., Toyoda, Y., Yanagida, M. A conserved Mis12 centromere complex is linked to heterochromatic HP1 and outer kinetochore protein Zwint-1. Nature Cell Biol. 6: 1135-1141, 2004.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.