



Anti-NSL1 (aa 182-279) polyclonal antibody (DPAB-DC1262)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	C1orf48 (NP_056286, 182 a.a. ~ 279 a.a) partial recombinant protein with GST tag. The sequence is KEISEAMKSLPALIEQGEGFSQVLRMQPVIHLQRIHQEVFSSCHRKPDAKPENFITQIET TPTETASRKTSVVLRKQTKDCPQRKWYPLRPKKINL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NSL1 NSL1, MIS12 kinetochore complex component [Homo sapiens (human)]
Official Symbol	NSL1
Synonyms	NSL1; NSL1, MIS12 kinetochore complex component; DC8; MIS14; C1orf48; kinetochore-associated protein NSL1 homolog; NSL1, MIND kinetochore complex component, homolog;
Entrez Gene ID	25936
Protein Refseq	NP_001036014
UniProt ID	Q96IY1
Chromosome Location	1q41
Pathway	Cell Cycle; M Phase; Mitotic Metaphase and Anaphase; Resolution of Sister Chromatid Cohesion
Function	protein binding;