

DSN1 polyclonal antibody

Catalog # PAB15589 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant DSN1.
Immunogen	Recombinant protein corresponding to N-terminus half human DSN1.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human DSN1.
Form	Liquid
Recommend Usage	Western Blot (1:1000) Immunofluorescence (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunofluorescence

Gene Info — DSN1

Entrez GeneID [79980](#)

Gene Name	DSN1
Gene Alias	C20orf172, FLJ13346, MGC32987, MIS13, dJ469A13.2
Gene Description	DSN1, MIND kinetochore complex component, homolog (S. cerevisiae)
Omim ID	609175
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a kinetochore protein that functions as part of the minichromosome instability-12 centromere complex. The encoded protein is required for proper kinetochore assembly and progression through the cell cycle. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	DSN1, MIND kinetochore complex component, homolog OTTHUMP00000030873

Publication Reference

- [Dissection of the essential steps for condensin accumulation at kinetochores and rDNAs during fission yeast mitosis.](#)

Nakazawa N, Nakamura T, Kokubu A, Ebe M, Nagao K, Yanagida M.
The Journal of Cell Biology 2008 Mar; 180(6):1115.
- [Human Blinkin/AF15q14 is required for chromosome alignment and the mitotic checkpoint through direct interaction with Bub1 and BubR1.](#)

Kiyomitsu T, Obuse C, Yanagida M.
Developmental Cell 2007 Nov; 13(5):663.

Application: IF, Human, HeLa cells
- [A conserved Mis12 centromere complex is linked to heterochromatic HP1 and outer kinetochore protein Zwint-1.](#)

Obuse C, Iwasaki O, Kiyomitsu T, Goshima G, Toyoda Y, Yanagida M.
Nature Cell Biology 2004 Oct; 6(11):1135.

Application: IF, WB-Tr, Human, HeLa cells