

MIS12 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14277**Specification**

MIS12 antibody - middle region - Product Information

Application	WB
Primary Accession	O9H081
Other Accession	NM_024039 , NP_076944
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23kDa KDa

MIS12 antibody - middle region - Additional Information**Gene ID** 79003**Alias Symbol** 2510025F08Rik, KNTC2AP, MGC2488, MTW1, hMis12**Other Names**

Protein MIS12 homolog, MIS12 (HGNC:24967)

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-MIS12 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

MIS12 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

MIS12 antibody - middle region - Protein Information**Name** MIS12 ([HGNC:24967](#))**Function**

Part of the MIS12 complex which is required for normal chromosome alignment and segregation and for kinetochore formation during mitosis (PubMed:12515822, PubMed:15502821, PubMed:16585270). Essential for proper kinetochore microtubule attachments (PubMed:23891108).

Cellular Location

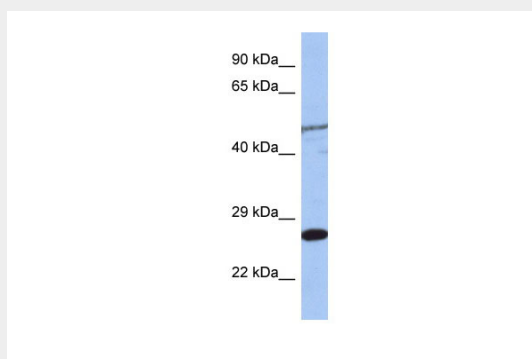
Chromosome, centromere, kinetochore Note=Associated with the kinetochore.

MIS12 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MIS12 antibody - middle region - Images



WB Suggested Anti-MIS12 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

MIS12 is supported by BioGPS gene expression data to be expressed in Jurkat

MIS12 antibody - middle region - References

Wiemann S., et al. Genome Res. 11:422-435(2001).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Goshima G., et al. J. Cell Biol. 160:25-39(2003).

Obuse C., et al. Nat. Cell Biol. 6:1135-1141(2004).