

For Research Use Only

MIS12 Polyclonal antibody

Catalog Number: 19820-1-AP



Basic Information

Catalog Number:

19820-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13870

GenBank Accession Number:

BC000229

GeneID (NCBI):

79003

UNIPROT ID:

Q9H081

Full Name:

MIS12, MIND kinetochore complex component, homolog (yeast)

Calculated MW:

205 aa, 24 kDa

Observed MW:

25-28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells

Background Information

The MIS12 complex, composed of the Mis12, Pmf1, Nsl1 and Dsn1 subunits, is a highly conserved kinetochore protein that interacts with the Ndc80 and Knl1 complexes, forming the KMN network (PMID: 32341029). MIS12 is a part of the MIS12 complex which is required for normal chromosome alignment and segregation and for kinetochore formation during mitosis. MIS12 is essential for proper kinetochore microtubule attachments (PubMed:23891108)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

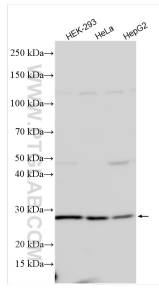
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19820-1-AP (MIS12 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.