

For Research Use Only

MMS19 Polyclonal antibody

Catalog Number: 16015-1-AP

Featured Product

17 Publications



Basic Information

Catalog Number:

16015-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8792

GenBank Accession Number:

BC006575

GeneID (NCBI):

64210

UNIPROT ID:

Q96T76

Full Name:

MMS19 nucleotide excision repair homolog (S. cerevisiae)

Calculated MW:

1030 aa, 113 kDa

Observed MW:

103-113 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, ColP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 cells, human brain tissue, PC-3 cells

IF/ICC : HeLa cells,

Background Information

MMS19 plays a critical role in the biogenesis of multiple Fe-S proteins, which functions in genomic stability, RNA polymerase II function, and telomere length regulation. MMS19 has a alanine- and leucine-rich N terminus. It possible has a role in nucleotide excision repair(NER) and RNA polymerase II(POL II) transcription by interacting with ERCC2/XPB helicases, both subunits of NER-transcription factor TFIIH. Also MMS19 involves in the regulation of ER. It can function in chromosome segregation by acting as a part of the mitotic spindle-associated MMXD complex.

Notable Publications

Author	Pubmed ID	Journal	Application
Seung Wook Yang	33004795	Nat Commun	WB
Xiaorui Fan	35654137	J Biol Chem	WB
Laura Mariotti	32576938	Commun Biol	WB

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

*** 20ul sizes contain 0.1% BSA

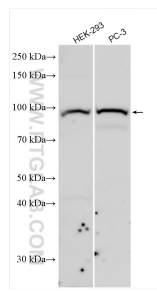
For technical support and original validation data for this product please contact:

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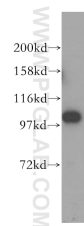
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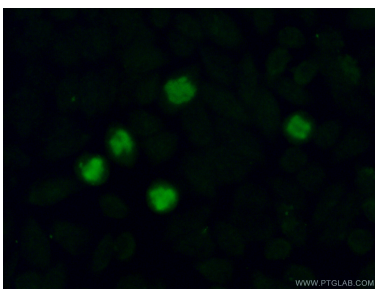
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16015-1-AP (MMS19 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



human brain tissue were subjected to SDS PAGE followed by western blot with 16015-1-AP (MMS19 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 16015-1-AP (MMS19 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).