

For Research Use Only

MMS19 Polyclonal antibody

Catalog Number:16015-1-AP

Featured Product

17 Publications



Basic Information

Catalog Number: 16015-1-AP	GenBank Accession Number: BC006575	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 64210	Recommended Dilutions: WB 1:1000-1:6000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96T76	
Isotype: IgG	Full Name: MMS19 nucleotide excision repair homolog (S. cerevisiae)	
Immunogen Catalog Number: AG8792	Calculated MW: 1030 aa, 113 kDa	
	Observed MW: 103-113 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : HEK-293 cells, human brain tissue, PC-3 cells
Cited Applications: WB, ColP	IF/ICC : HeLa cells,
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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

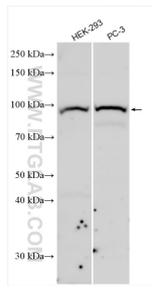
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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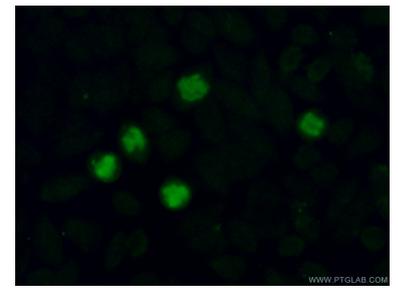
Selected Validation Data



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).