

For Research Use Only

C16orf75 Polyclonal antibody

Catalog Number: 30529-1-AP



Basic Information

Catalog Number: 30529-1-AP	GenBank Accession Number: BC031016	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 116028	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q96E14	IF/ICC 1:200-1:800
Isotype: IgG	Full Name: chromosome 16 open reading frame 75	
Immunogen Catalog Number: AG32880	Observed MW: 19 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HT-1080 cells, HeLa cells, MCF-7 cells, U-251 cells IF/ICC : U-251 cells,

Background Information

C16orf75 is also named as BLM-associated protein of 18 kDa (BLAP18), RMI2, hRMI2 and RecQ-mediated genome instability protein 2. C16orf75 is essential component of the RMI complex, a complex that plays an important role in the processing of homologous recombination intermediates. It is required to regulate sister chromatid segregation and to limit DNA crossover. And RMI2 is essential for the stability, localization, and function of BLM, TOP3A, and complexes containing BLM. In the RMI complex, it is required to target BLM to chromatin and stress-induced nuclear foci and mitotic phosphorylation of BLM (PMID: 18923082, PMID: 18923083, PMID: 27977684).

Storage

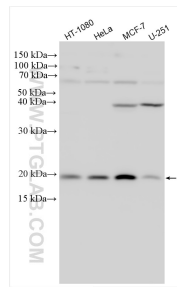
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

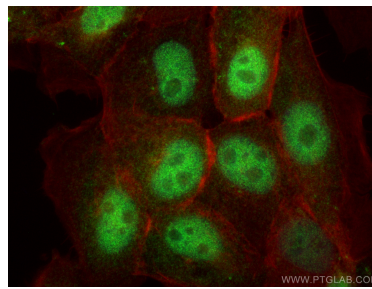
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30529-1-AP (C16orf75 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using C16orf75 antibody (30529-1-AP) at dilution of 1:400 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).