

For Research Use Only

DCLRE1B Polyclonal antibody, PBS Only

Catalog Number: 13203-1-PBS



Basic Information

Catalog Number: 13203-1-PBS	GenBank Accession Number: BC029687	Purification Method: Antigen affinity purification
Concentration: 1 mg/ml	GeneID (NCBI): 64858	
Source: Rabbit	UNIPROT ID: Q9H816	
Isotype: IgG	Full Name: DNA cross-link repair 1B (PSO2 homolog, <i>S. cerevisiae</i>)	
Immunogen Catalog Number: AG3945	Calculated MW: 532 aa, 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Interstrand cross-links (ICLs) is an extremely cytotoxic form of DNA damage that covalently tethers the two strands of the double helix, which inhibits fundamental nuclear functions, including transcription and DNA replication [PMID:21701511]. DCLRE1B is one of several evolutionarily conserved genes involved in repair of interstrand cross-links [PMID:10848582]. Furthermore, DCLRE1B was identified as a TRF2-interacting protein and, has a role in telomere maintenance in association with the Shelterin complex, preventing non-homologous end-joining-mediated chromosome fusions protecting leading strand telomeres [PMID:20619712].

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

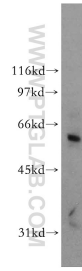
T: 4006900926

E: Proteintech-CN@ptglab.com

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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



Jurkat cells were subjected to SDS PAGE followed by western blot with 13203-1-AP (DCLRE1B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13203-1-PBS in a different storage buffer formulation.