

## ARG44309 anti-Dclre1c / Artemis antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Dclre1c / Artemis
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Dclre1c / Artemis
Species	Human
Immunogen	Synthetic peptide
Conjugation	Un-conjugated
Alternate Names	DCLRE1C; DNA Cross-Link Repair 1C; SNM1C; ARTEMIS; A-SCID; SCIDA

### Application Instructions

Application table	Application	Dilution
	WB	1:500-1:1000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Antigen Affinity Purified
Buffer	PBS with 0.02% Sodium azide
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

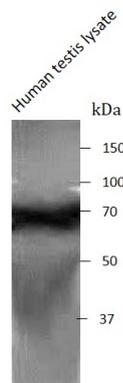
### Bioinformation

Gene Symbol	DCLRE1C
Gene Full Name	DNA Cross-Link Repair 1C

Background	This gene encodes a nuclear protein that is involved in V(D)J recombination and DNA repair. The encoded protein has single-strand-specific 5'-3' exonuclease activity; it also exhibits endonuclease activity on 5' and 3' overhangs and hairpins. The protein also functions in the regulation of the cell cycle in response to DNA damage. Mutations in this gene can cause Athabaskan-type severe combined immunodeficiency (SCIDA) and Omenn syndrome. Alternative splicing results in multiple transcript variants.
Function	Nuclease involved in DNA non-homologous end joining (NHEJ); required for double-strand break repair and V(D)J recombination.
Calculated Mw	78 kDa
PTM	Phosphoprotein
Cellular Localization	Nucleus

## Images

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ARG44309 anti-Dclre1c / Artemis antibody WB image

Western blot: Human testis lysate stained with ARG44309 anti-Dclre1c / Artemis antibody.