SCID).

APPLICATION:

determined by the user.

## Artemis (DCLRE1C) Antibody

ALTERNATE NAMES:	DNA cross-link repair 1C protein, SNM1-like protein
CATALOG NO:	3307-30T30 μg (Trial size)3307-100100 μg
HOST:	Rabbit
ISOTYPE:	IgG
IMMUNOGEN:	Synthetic peptide surrounding the C-terminal (BV-M21)
PURIFICATION:	Affinity purified rabbit IgG
MOLECULAR WEIGHT:	~78 kDa
FORM:	Liquid
FORMULATION:	0.5 mg/ml of antibody in PBS, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol, pH 7.2
SPECIES REACTIVITY:	Human, Mouse and Rat.
STORAGE CONDITIONS:	Store at -20°C. Avoid repeated freeze/thaw cycles.

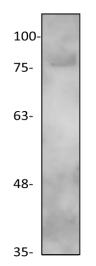
DESCRIPTION: Artemis is a 78 kDa protein, belonging to metallo-beta-lactamase

superfamily. It is involved in endonuclease activity to break DNA hairpins. It also has been reported that the C-terminus of Artemis interacts with DNA binding domain of Ligase IV

directly. Ligase IV is a key enzyme in DNA repair and V(D)J recombination. Thus, Artemis is a novel protein that is involved in V(D)J recombination/DNA repair. Mutations cause human T-B-severe combined immunodeficiency associated with increased cellular radiosensitivity (RS-

Note: This information is only intended as a guide. The optimal dilutions must be

Western blot: 1:200



Western blot of 3T3 cell lysate with Artemis antibody

**RELATED PRODUCTS:** 

Artemis Blocking Peptide (Cat.No.3307BP-50)

FOR RESEARCH USE ONLY! Not to be used on humans.



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