

Rabbit anti-Mouse Dclre1c/Artemis Polyclonal Antibody | anti-Dclre1c antibody

Rabbit anti-Dclre1c/Artemis Antibody, Affinity Purified

CATALOG # AAA212999	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Dclre1c/Artemis; Polyclonal Antibody; Rabbit anti-Dclre1c/Artemis Antibody; Affinity Purified; DNA cross-link repair 1A; PSO2 homolog; SNM1-like protein; Snm1l; protein artemis; mArt; DNA cross-link repair 1C protein; Art; A1661365; 9930121L06Rik; DNA cross-link repair 1C; Protein artemis; anti-Dclre1c antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-Dclre1c antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 575 and 625
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of mouse Dclre1c/Artemis by western blot. Samples: Whole cell lysate (50 ug) from TCMK-1, NIH 3T3, C2C12, F9, and Renca cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Dclre1c/Artemis antibody AAA212999 (lot AAA212999-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of mouse Dclre1c/Artemis by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from TCMK-1 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Dclre1c/Artemis antibody AAA212999 (lot AAA212999-1) used for IP at 6 ug per reaction. Dclre1c/Artemis was also immunoprecipitated by rabbit anti-Dclre1c/Artemis antibody BL19204. For blotting immunoprecipitated Dclre1c/Artemis, AAA212999 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-Dclre1c antibody

Artemis is also known as DNA cross-link repair 1C protein (DCLRE1C) and functions as both an endo- and exo-nuclease involved in V(D)J recombination and double-strand break (DSB) repair. In addition to repair of double stranded breaks during V(D)J recombination, Artemis may also be required for repair of ionizing radiation induced DSBs. Mutations in Artemis have been found to be a cause of severe combined immunodeficiency (SCID).

NCBI AND UNIPROT INFORMATION

NCBI GeneID	227525
UniProt Accession #	Q8K4J0
UniProt Protein Name	Protein artemis
UniProt Gene Name	Dclre1c
UniProt Synonym Gene Names	Art; Snm1l; mArt
UniProt Entry Name	DCR1C_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dclre1c-artemis-antibody-immunoprecipitation-western-blot-elisa/212999>