

Goat anti-Human DCLRE1C / Artemis Polyclonal Antibody | anti-DCLRE1C antibody

Goat Polyclonal to Human DCLRE1C / Artemis

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50692	Goat	Human	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

DCLRE1C / Artemis; Polyclonal Antibody; Goat Polyclonal to Human DCLRE1C / Artemis; Anti-DCLRE1C / Artemis Antibody (aa482-495) IHC-plus; DCLRE1C; A-SCID; ARTEMIS; DCLREC1C; HSNM1C; SCIDA; RS-SCID; SNM1C; SNM1-like protein; Protein A-SCID; Protein artemis; PSO2 homolog; ASCID; DNA cross-link repair 1C; SNM1 homolog C; Human DCLRE1C; Artemis; anti-DCLRE1C antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Specificity	aa 482-495 of Human ARTEMIS (DCLRE1C DNA cross-link repair 1C).
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	577
Applicable Applications for anti-DCLRE1C antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human DCLRE1C / ARTEMIS.
Immunogen Type	Synthetic peptide
Immunogen	DCLRE1C / Artemis antibody was raised against synthetic peptide from human DCLRE1C / ARTEMIS.
Antigen Modification	aa482-495
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti-Artemis Antibody - Western Blot. Western blotting. Goat-anti-Artemis was used at a 1:500 dilution to detect Artemis in various cell lysates by Western blot. CJ is an Artemis deficient cell line and so no band is visible.



IHC (Immunohistochemistry)

Anti-DCLRE1C / ARTEMIS antibody IHC of human lymph node. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-DCLRE1C antibody	Artemis has a role in T and B lymphocyte immunodeficiency and in predisposition to lymphoma through the NHEJ pathway of DNA repair. DNA-PKcs regulates Artemis by both phosphorylation and complex formation to permit enzymatic activities that are critical for the hairpin-opening step of V(D)J recombination and for the 5' and 3' overhang processing in non-homologous DNA end joining.
Product Categories/Family for anti-DCLRE1C antibody	Family: DNA cross-link repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	76496495
NCBI GeneID	64421
NCBI Accession #	NP_071932.2
NCBI GenBank Nucleotide #	NM_022487.3
UniProt Accession #	Q96SD1; Q1HCL2; Q5JSR4; Q5JSR5; Q5JSR7; Q5JSR8; Q5JSR9; Q5JSS0; Q5JSS7; Q6PK14; Q8N101; D3DRT6
Molecular Weight	49,944 Da
NCBI Official Full Name	protein artemis isoform b
NCBI Official Synonym Full Names	DNA cross-link repair 1C
NCBI Official Symbol	DCLRE1C
NCBI Official Synonym Symbols	SCIDA; SNM1C; A-SCID; RS-SCID; DCLREC1C
NCBI Protein Information	protein artemis; SNM1 homolog C; SNM1-like protein; severe combined immunodeficiency, type a (Athabascan); DNA cross-link repair 1C (PSO2 homolog, S. cerevisiae)
UniProt Protein Name	Protein artemis
UniProt Gene Name	DCLRE1C
UniProt Synonym Gene Names	ARTEMIS; ASCID; SCIDA; SNM1C; hSNM1C
UniProt Entry Name	DCR1C_HUMAN

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-western-blot-immunohistochemistry-elisa/50692>