

Product datasheet for TA339872

Artemis (DCLRE1C) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-DCLRE1C antibody: synthetic peptide directed towards the N

terminal of human DCLRE1C. Synthetic peptide located within the following region:

SSFEGQMAEYPTISIDRFDRENLRARAYFLSHCHKDHMKGLRAPTLKRRL

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 78 kDa

Gene Name: DNA cross-link repair 1C

Database Link: NP 001029027

Entrez Gene 64421 Human

Q96SD1



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Background:

DCLRE1C is a nuclear protein that is involved in V(D)J recombination and DNA repair. The protein has single-strand-specific 5'-3' exonuclease activity; it also exhibits endonuclease activity on 5' and 3' overhangs and hairpins when complexed with protein kinase, DNA-activated, catalytic polypeptide. Mutations in this gene cause Athabascan-type severe combined immunodeficiency (SCIDA). This gene encodes a nuclear protein that is involved in V(D)J recombination and DNA repair. The protein has single-strand-specific 5'-3' exonuclease activity; it also exhibits endonuclease activity on 5' and 3' overhangs and hairpins when complexed with protein kinase, DNA-activated, catalytic polypeptide. Mutations in this gene cause Athabascan-type severe combined immunodeficiency (SCIDA).

Synonyms: A-SCID; DCLREC1C; RS-SCID; SCIDA; SNM1C

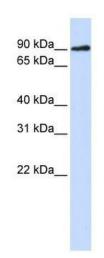
Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Zebrafish: 86%

Protein Families: Druggable Genome

Protein Pathways: Cell cycle, Non-homologous end-joining, Primary immunodeficiency

Product images:



WB Suggested Anti-DCLRE1C Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: 293T cell lysate DCLRE1C is supported by BioGPS gene expression data to be expressed in

HEK293T