

Product datasheet for **AP51199PU-N**

Artemis (DCLRE1C) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 28~58 amino acids from the N-terminal region of Human DCLRE1C.
Specificity:	This antibody recognizes Human Artemis (N-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	DNA cross-link repair 1C
Database Link:	Entrez Gene 227525 Mouse 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.

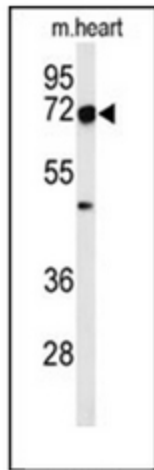
Synonyms: DCLRE1C, ASCID, SCIDA, SNM1C, SNM1-like protein, A-SCID protein

Note: **Molecular Weight:** 78436 Da

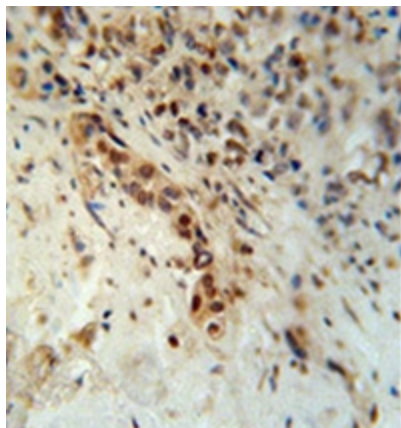
Protein Families: Druggable Genome

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

Product images:



Western blot analysis of Artemis Antibody (N-term) in Mouse heart tissue lysates (35ug/lane). DCLRE1C (arrow) was detected using the purified Pab.



Formalin fixed, paraffin embedded human lung carcinoma stained with Artemis Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DCLRE1C Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.