

Rabbit anti-Human, Mouse DCLRE1C Polyclonal Antibody | anti-DCLRE1C antibody

DCLRE1C Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285486	Rabbit	Human, Mouse	Immunohistochemistry, ELISA, Western Blot

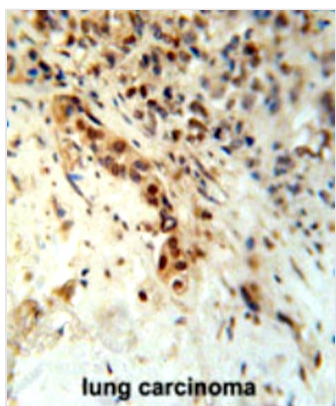
PRODUCT SYNONYMS

DCLRE1C; Polyclonal Antibody; DCLRE1C Antibody (N-term); Protein artemis; 31--; DNA cross-link repair 1C protein; Protein A-SCID; SNM1 homolog C; hSNM1C; SNM1-like protein; ARTEMIS; ASCID; SCIDA; SNM1C; anti-DCLRE1C antibody

PRODUCT SPECIFICATIONS

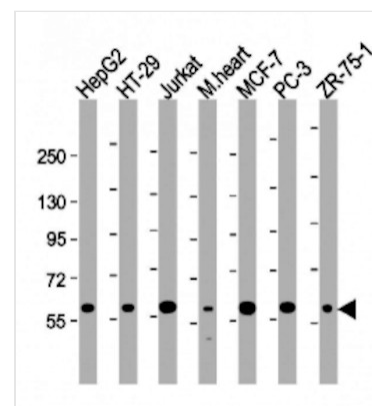
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This DCLRE1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-50 amino acids from the N-terminal region of human DCLRE1C.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	21-50
Applicable Applications for anti-DCLRE1C antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



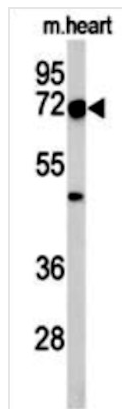
IHC (Immunohistochemistry)

DCLRE1C Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma 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.



WB (Western Blot)

All lanes : Anti-DCLRE1C Antibody (N-term) at 1:2000 dilution
Lane 1: HepG2 whole cell lysate
Lane 2: HT-29 whole cell lysate
Lane 3: Jurkat whole cell lysate
Lane 4: mouse heart lysate
Lane 5: MCF-7 whole cell lysate
Lane 6: PC-3 whole cell lysate
Lane 7: ZR-75-1 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 78 kDa Blocking/Dilution buffer: 5% NFDM/TBST



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DCLRE1C antibody	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.
References	Beucher, A., et al. EMBO J. 28(21):3413-3427(2009) Rivera-Munoz, P., et al. Blood 114(17):3601-3609(2009) Wang, H., et al. J. Biol. Chem. 284(27):18236-18243(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	76496497
NCBI GeneID	64421
NCBI Accession #	NP_001029027.1; NP_001029029.1; NP_001029030.1; NP_071932.2
NCBI GenBank Nucleotide #	NM_001033855.2
UniProt Accession #	Q96SD1; Q1HCL2; Q5JSR4; Q5JSR5; Q5JSR7; Q5JSR8; Q5JSR9; Q5JSS0; Q5JSS7; Q6PK14; Q8N101; D3DRT6
Molecular Weight	78436
NCBI Official Full Name	protein artemis isoform a
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
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-antibody-immunohistochemistry-western-blot-elisa/285486>